CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMALIT 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	2,6	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	32(-2;-4)	NPD	2,9	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	2,8	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(8 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/5	NPD	NPD	3,1	80,55	0,15/0,15	69,45	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/5	NPD	NPD	2,9	80,55	0,15/0,15	69,45	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	2,8	80,55	0,15/0,15	69,45	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(6 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/6/6	31(-1;-4)	NPD	3,2	80,19	0,15/0,15	68,32	0,13/0,13	0,74	PASS
SGG CLIMALIT 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	31(-1;-4)	NPD	3,0	80,19	0,15/0,15	68,32	0,13/0,13	0,74	PASS
SGG CLIMALIT 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	2,8	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT 8(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/6	35(-2;-6)	NPD	2,8	79,46	0,14/0,14	66,14	0,12/0,12	0,72	PASS
SGG CLIMALIT SILENCE 8(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/8	40(-1;-5)	NPD	2,8	78,51	0,14/0,14	60,54	0,12/0,11	0,71	PASS
SGG CLIMALIT ARENA C 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	2,86	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PARSOL GREEN 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	2,86	70,80	0,12/0,14	45,80	0,08/0,12	0,53	PASS
SGG CLIMALIT PARSOL BRONZE 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	2,86	54,40	0,09/0,13	50,40	0,09/0,12	0,58	PASS
SGG CLIMALIT SAFE PARSOL GREEN 8(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/10	NPD	NPD	2,8	59,43	0,10/0,13	29,34	0,07/0,10	0,39	PASS
SGG CLIMALIT SAFE 8(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/6	NPD	NPD	2,8	79,23	0,14/0,14	62,42	0,12/0,12	0,71	PASS
SGG CLIMALIT SAFE 33.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	2,8	80,68	0,15/0,15	66,48	0,12/0,13	0,71	PASS
SGG CLIMALIT SAFE 33.1(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/5	NPD	NPD	2,8	80,31	0,15/0,15	65,43	0,12/0,13	0,71	PASS
SGG CLIMALIT SECURIT SAFE 33.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C1	40K/200K	6/12/6	NPD	NPD	2,8	79,95	0,14/0,15	64,40	0,12/0,12	0,71	PASS
SGG CLIMALIT SAFE 44.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/12/6	NPD	NPD	2,8	79,23	0,14/0,14	62,42	0,11/0,12	0,69	PASS
SGG CLIMALIT SAFE 33.1(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/8/6	NPD	NPD	3,0	79,95	0,14/0,15	64,40	0,12/0,12	0,71	PASS
SGG CLIMALIT SAFE 33.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	2,9	80,68	0,15/0,15	66,48	0,12/0,13	0,71	PASS
SGG CLIMALIT SAFE 33.1(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/8/6	NPD	NPD	3,06	78,50	0,14/0,14	58,70	0,11/0,11	0,68	PASS
SGG CLIMALIT SAFE 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	2,8	78,28	0,14/0,14	59,06	0,11/0,11	0,68	PASS
SGG CLIMALIT SAFE 66.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/8	NPD	NPD	2,8	76,87	0,14/0,14	55,68	0,11/0,11	0,64	PASS
SGG CLIMALIT SAFE 66.1(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/12	NPD	NPD	2,7	75,50	0,14/0,14	52,60	0,10/0,10	0,63	PASS
SGG CLIMALIT SAFE SILENCE 33.1(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	2,8	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE SILENCE 44.1(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	2,8	78,28	0,14/0,14	59,06	0,11/0,11	0,68	PASS
SGG CLIMALIT SAFE 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	3,0	79,95	0,15/0,14	64,40	0,13/0,12	0,74	PASS
SGG CLIMALIT SAFE 4(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/6	NPD	NPD	3,1	80,68	0,15/0,15	66,48	0,13/0,12	0,75	PASS
SGG CLIMALIT SAFE 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	2,9	79,23	0,14/0,14	62,42	0,12/0,11	0,72	PASS
SGG CLIMALIT SAFE 8(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/6	NPD	NPD	2,8	79,23	0,14/0,14	62,42	0,12/0,12	0,71	PASS
SGG CLIMALIT COOL-LITE STB120 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	2,7	20,11	0,21/0,32	15,51	0,19/0,32	0,23	PASS
SGG CLIMALIT SAFE COOL-LITE STB120 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	2,7	20,05	0,21/0,32	14,63	0,19/0,30	0,23	PASS
SGG CLIMALIT SAFE COOL-LITE STB120 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	2,6	19,86	0,21/0,31	14,21	0,19/0,28	0,23	PASS
SGG CLIMALIT SAFE PARSOL GREEN COOL-LITE ST420 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/6	31(-1;-4)	NPD	2,64	14,90	0,23/0,29	8,40	0,13/0,29	0,18	PASS
SGG CLIMALIT PARSOL GREEN COOL-LITE ST420 SAFE 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	2,64	14,90	0,23/0,29	8,00	0,13/0,26	0,18	PASS
SGG CLIMALIT SAFE PARSOL GREEN COOL-LITE ST420 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/8	38(-1;-4)	NPD	2,62	14,70	0,23/0,29	7,80	0,13/0,24	0,18	PASS
SGG CLIMALIT COOL-LITE ST150 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	2,8	46,16	0,20/0,22	38,55	0,16/0,19	0,46	PASS
SGG CLIMALIT SAFE COOL-LITE ST150 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	2,8	46,02	0,20/0,22	36,36	0,16/0,18	0,45	PASS
SGG CLIMALIT SAFE COOL-LITE ST150 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	2,8	45,60	0,20/0,21	35,26	0,16/0,17	0,45	PASS
SGG CLIMALIT SAFE COOL-LITE ST150 66.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/6	NPD	NPD	2,76	43,80	0,19/0,21	30,20	0,13/0,17	0,40	PASS
SGG CLIMALIT ARENA C 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	29(-1;-4)	NPD	3,29	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT ARENA C 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	3,09	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT ARENA C 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	2,96	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT CLARGLAS NEW 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	29(-1;-4)	NPD	3,29	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT ARENA C 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	3,09	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	2,8	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SECURIT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SAFE COLOR 33.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	2,83	35,80	0,12/0,06	34,90	0,10/0,07	0,60	PASS
SGG CLIMALIT PROTECT STIPPOLYTE 33.2(6 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1B1/NPD	40K/40K	7/6/6	NPD	NPD	3,25	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/10/4	29(-1;-4)	NPD	2,9	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SECURIT 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SAFE ARENA C 33.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	2,71	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT PELERINE 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/18/4	NPD	NPD	2,75	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT 4(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	35(-2;-5)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT SECURIT FLEMISH 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/6/4	29(-1;-4)	NPD	3,29	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 33.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	NPD	NPD	2,7	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE COTSWOLD 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/8/4	29(-1;-4)	NPD	3,09	NPD	NPD	NPD	NPD	NPD	PASS

CE	Leistungserklärung				FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg													
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT SAFE 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/16/6	NPD	NPD	2,7	80,68	0,15/0,15	66,48	0,13/0,12	0,76	PASS
SGG CLIMALIT FLORIELLE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/6/4	29(-1;-4)	NPD	3,3	81,66	0,15/0,15	73,05	0,13/0,13	0,77	PASS
SGG CLIMALIT SAFE DIGITAL 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/6/4	29(-1;-4)	NPD	3,29	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE STIPPOLYTE 33.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	2,77	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT FLORIELLE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD		4/16/4	29(-1;-4)	NPD	2,74	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 4(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C2	40K/200K	4/16/6	35(-2;-5)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT SAFE 8(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/12/4	36(-2;-5)	NPD	2,8	80,19	0,14/0,15	68,32	0,12/0,13	0,73	PASS
SGG CLIMALIT SAFE SERA 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	2,73	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PELERINE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	2,64	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE DIGITAL 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/20/4	NPD	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/8/4	29(-1;-4)	NPD	3,1	81,66	0,15/0,15	73,05	0,13/0,13	0,77	PASS
SGG CLIMALIT SAFE 33.1(10 argon) 4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/10/4	NPD	NPD	2,8	80,68	0,15/0,15	66,48	0,12/0,13	0,71	PASS
SGG CLIMALIT SECURIT BARK 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/6/4	29(-1;-4)	NPD	3,29	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 33.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	2,8	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE FLEMISH 33.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/200K	6/16/4	NPD	NPD	2,73	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT FLORIELLE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/20/4	NPD	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT EVERGLADE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/20/4	NPD	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PROTECT SAFE 8(10 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/10/9	NPD	NPD	2,9	78,13	0,14/0,14	58,33	0,12/0,11	0,70	PASS
SGG CLIMALIT FLEMISH 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	2,74	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT BODY TINT GREY SATINOVO 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT SAFE 4(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/6/6	NPD	NPD	3,27	79,60	0,15/0,14	62,70	0,12/0,12	0,73	PASS
SGG CLIMALIT SAFE 33.1(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/14/6	NPD	NPD	2,7	79,95	0,14/0,15	64,40	0,12/0,12	0,71	PASS
SGG CLIMALIT 4(9 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/9/4	29(-1;-4)	NPD	3,02	80,80	0,15/0,15	69,50	0,13/0,13	0,75	PASS
SGG CLIMALIT SAFE 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	2,8	80,68	0,15/0,15	66,48	0,13/0,12	0,75	PASS
SGG CLIMALIT PROTECT 4(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/12/7	NPD	NPD	2,8	80,28	0,15/0,14	63,99	0,13/0,12	0,75	PASS
SGG CLIMALIT PROTECT 4(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/12/9	NPD	NPD	2,8	79,56	0,15/0,14	62,01	0,13/0,11	0,74	PASS
SGG CLIMALIT 5(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	2,7	81,29	0,15/0,15	71,81	0,13/0,13	0,76	PASS
SGG CLIMALIT 5(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/5	NPD	NPD	2,9	80,92	0,15/0,15	70,61	0,13/0,13	0,76	PASS
SGG CLIMALIT 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	2,7	80,55	0,15/0,15	69,45	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	31(-1;-4)	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT 6(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	2,8	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT 8(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/8	NPD	NPD	2,8	78,75	0,14/0,14	64,08	0,12/0,12	0,72	PASS
SGG CLIMALIT SATINOVO MATE 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PROTECT SILENCE BIOCLEAN 44.2(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/13	50(-2;-7)	NPD	2,57	72,50	0,16/0,16	47,80	0,13/0,11	0,61	PASS
SGG CLIMALIT PROTECT SILENCE 66.2Si(20 air)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49 (-2;-6)	NPD	2,7	76,41	0,14/0,14	53,76	0,10/0,11	0,63	PASS
SGG CLIMALIT 3(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	2,87	81,20	0,15/0,15	71,10	0,13/0,13	0,77	PASS
SGG CLIMALIT 5(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	2,70	80,30	0,14/0,15	68,00	0,12/0,13	0,74	PASS
SGG CLIMALIT 3(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/15/4	NPD	NPD	2,76	81,20	0,15/0,15	71,10	0,13/0,13	0,77	PASS
SGG CLIMALIT 5(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	2,62	80,30	0,14/0,15	68,00	0,12/0,13	0,74	PASS
SGG CLIMALIT 6(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	2,7	80,55	0,15/0,15	69,45	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	2,6	80,55	0,15/0,15	69,45	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	2,6	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
XXX CLIMALIT SAFE 33.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	2,8	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE 33.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	2,7	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE 33.1(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/815/6	NPD	NPD	2,7	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE 33.1(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/15/6	NPD	NPD	2,6	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	2,6	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 8(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/6	35(-2;-6)	NPD	2,7	79,46	0,14/0,14	66,14	0,12/0,12	0,73	PASS
SGG CLIMALIT 8(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	34(-1;-3)	NPD	2,7	79,46	0,14/0,14	66,14	0,12/0,12	0,73	PASS
SGG CLIMALIT 8(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	34(-1;-3)	NPD	2,6	79,46	0,14/0,14	66,14	0,12/0,12	0,73	PASS
SGG CLIMALIT 8(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/5	NPD	NPD	2,8	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
SGG CLIMALIT 8(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/5	NPD	NPD	2,7	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
SGG CLIMALIT 8(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/5	NPD	NPD	2,7	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
SGG CLIMALIT 8(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/5	NPD	NPD	2,6	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken**											**System zur Bewertung der Leistungsbeständigkeit : 3**						
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
XXX CLIMALIT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	29(-1;-4)	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	29(-1;-4)	NPD	2,6	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SAFE 33.1(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/6/6	NPD	NPD	3,25	78,50	0,14/0,14	58,70	0,11/0,11	0,68	PASS
SGG CLIMALIT SAFE 33.1(6 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/6/6	NPD	NPD	3,02	78,50	0,14/0,14	58,70	0,11/0,11	0,68	PASS
SGG CLIMALIT 4(6 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	29(-1;-4)	NPD	3,0	81,66	0,15/0,15	73,05	0,13/0,13	0,77	PASS
SGG CLIMALIT SAFE 33.1(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	2,7	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT SAFE 33.1(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	2,6	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT 33.1(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	2,7	80,68	0,15/0,15	66,48	0,12/0,13	0,71	PASS
SGG CLIMALIT 8(27 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/27/6	NPD	NPD	2,73	78,00	0,14/0,14	61,10	0,11/0,12	0,69	PASS
SGG CLIMALIT ANTELIO HAVANA 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	2,61	21,70	0,12/0,34	23,60	0,10/0,25	0,33	PASS
SGG CLIMALIT 8(27 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/27/6	NPD	NPD	2,73	78,00	0,14/0,14	61,10	0,11/0,12	0,69	PASS
SGG CLIMALIT 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT PROTECT 44.2(12 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	2,8	79,71	0,14/0,15	62,80	0,11/0,13	0,68	PASS
SGG CLIMALIT ARENA C 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	2,74	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PROTECT 44.2(6 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/6/9	NPD	NPD	3,21	76,40	0,14/0,14	52,40	0,10/0,10	0,63	PASS
SGG CLIMALIT ACOUSTIC 4(10 air)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	36(-1;-4)	NPD	2,9	79,44	0,15/0,14	65,46	0,13/0,12	0,75	PASS
SGG CLIMALIT PROTECT 44.2(10 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/10/4	NPD	NPD	2,9	79,71	0,14/0,15	62,80	0,11/0,13	0,68	PASS
SGG CLIMALIT PROTECT 44.2(8 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/8/9	NPD	NPD	3,02	76,40	0,14/0,14	52,40	0,10/0,10	0,63	PASS
SGG CLIMALIT PROTECT 44.2(8 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/8/4	NPD	NPD	3,0	79,71	0,14/0,15	62,80	0,11/0,13	0,68	PASS
SGG CLIMALIT PROTECT 33.2(6 air)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/6/7	NPD	NPD	3,25	78,20	0,14/0,14	56,60	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT 44.2(6 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/6/4	NPD	NPD	3,22	78,50	0,14/0,14	58,70	0,11/0,12	0,66	PASS
SGG CLIMALIT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT ACOUSTIC 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	2,8	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT PROTECT 33.2(12 air)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/12/7	NPD	NPD	2,8	79,23	0,14/0,14	60,54	0,12/0,12	0,69	PASS
SGG CLIMALIT PROTECT 44.2(10 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/10/9	NPD	NPD	2,9	77,81	0,14/0,14	56,98	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT ARENA C 44.2(12 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	2,83	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT ACOUSTIC 4(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	2,8	80,19	0,15/0,14	68,32	0,13/0,12	0,76	PASS
SGG CLIMALIT 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
XXX CLIMALIT ARENA C 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	2,86	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/15/4	29(-1;-4)	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 3(12 air)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/3	NPD	NPD	2,9	82,41	0,15/0,15	75,63	0,14/0,14	0,79	PASS
SGG CLIMALIT 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	29(-1;-4)	NPD	3,3	81,66	0,15/0,15	73,05	0,13/0,13	0,77	PASS
SGG CLIMALIT MONUMENTAL S 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	2,86	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT MONUMENTAL S 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT 5(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/5	NPD	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,76	PASS
SGG CLIMALIT 5(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/5	NPD	NPD	2,6	80,92	0,15/0,15	70,61	0,13/0,13	0,76	PASS
SGG CLIMALIT SECURIT 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	31(-1;-4)	NPD	2,8	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT SECURIT 6(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/15/6	31(-1;-4)	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT SAFE SILENCE 44.1Si(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/12/6	NPD	NPD	2,8	79,23	0,14/0,14	62,42	0,11/0,12	0,69	PASS
SGG CLIMALIT SAFE SILENCE 44.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/15/6	NPD	NPD	2,7	79,23	0,14/0,14	62,42	0,11/0,12	0,69	PASS
SGG CLIMALIT 4(6 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	34(-1;-3)	NPD	3,3	80,92	0,15/0,15	70,61	0,13/0,13	0,76	PASS
SGG CLIMALIT 4(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/6	NPD	NPD	3,1	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	2,9	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	2,6	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 5(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/6/4	NPD	NPD	3,3	81,29	0,15/0,15	71,81	0,13/0,13	0,76	PASS
SGG CLIMALIT 5(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/8/4	NPD	NPD	3,1	81,29	0,15/0,15	71,81	0,13/0,13	0,76	PASS
SGG CLIMALIT SECURIT 8(9 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/9/6	35(-2;-6)	NPD	2,78	78,00	0,14/0,14	61,10	0,11/0,12	0,69	PASS
SGG CLIMALIT SECURIT 8(9 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/9/6	35(-2;-6)	NPD	2,58	78,00	0,14/0,14	61,10	0,11/0,12	0,69	PASS
SGG CLIMALIT SAFE EMALIT 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/(1C0/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT SAFE EMALIT 6(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/(1C0/1C2	200K/200K	6/14/6	31(-1;-4)	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT 5(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/5	NPD	NPD	2,8	80,92	0,15/0,15	70,61	0,13/0,13	0,76	PASS
SGG CLIMALIT SAFE 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/18/4	NPD	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SAFE 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/12/4	29(0;-3)	NPD	2,8	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT SAFE 4(9 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/19/4	29(-1;-4)	NPD	2,75	80,80	0,15/0,15	69,50	0,13/0,13	0,76	PASS
SGG CLIMALIT 6(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/4	32(-2;-4)	NPD	3,1	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT SAFE EMALIT EVOLUTION 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	(1C0/1C2*)/1(	200K/200K	6/16/6	31(-1;-4)	NPD	2,6	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT SERALIT EVOLUTION 6(10 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C0/1C2*)/1(	200K/40K	6/10/9	NPD	NPD	2,9	78,84	0,14/0,14	60,12	0,12/0,11	0,72	PASS
SGG CLIMALIT SERALIT 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/(1C0/1C	40K/200K	8/18/4	NPD	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMALIT 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	2,6	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT SAFE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/16/4	29(-1;-4)	NPD	2,7	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT DIAMANT 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	2,79	83,70	0,15/0,15	81,30	0,15/0,15	0,83	PASS
SGG CLIMALIT 4(10 air)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	36(-1;-4)	NPD	2,9	79,44	0,15/0,14	65,46	0,13/0,12	0,75	PASS
XXX CLIMALIT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	2,8	81,66	0,15/0,15	73,05	0,13/0,13	0,78	PASS
SGG CLIMALIT ACOUSTIC 4(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	33(-1;-4)	NPD	2,8	81,29	0,15/0,15	71,81	0,13/0,13	0,77	PASS
SGG CLIMALIT ACOUSTIC 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-3)	NPD	2,8	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT 4(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	2,8	80,19	0,15/0,14	68,32	0,13/0,12	0,76	PASS
SGG CLIMALIT PROTECT SILENCE 4(15 air)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/15/7	36(-1;-5)	NPD	2,7	80,28	0,15/0,14	63,99	0,13/0,12	0,75	PASS
SGG CLIMALIT PROTECT 4(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	2,7	79,56	0,15/0,14	62,01	0,13/0,11	0,74	PASS
XXX CLIMALIT 4(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	35(-2;-5)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT 4(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/8	36(-2;-5)	NPD	2,7	80,19	0,15/0,14	68,32	0,13/0,12	0,76	PASS
SGG CLIMALIT 4(6 air)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/10	36(-1;-3)	NPD	3,2	79,44	0,15/0,14	65,46	0,13/0,12	0,75	PASS
SGG CLIMALIT 4(6 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	34(-1;-3)	NPD	3,0	80,92	0,15/0,15	70,61	0,13/0,13	0,77	PASS
SGG CLIMALIT ACOUSTIC 5(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	2,8	81,29	0,15/0,15	71,81	0,13/0,13	0,76	PASS
SGG CLIMALIT ACOUSTIC 5(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	2,7	81,29	0,15/0,15	71,81	0,13/0,13	0,76	PASS
SGG CLIMALIT ACOUSTIC 5(15 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/8	35(-1;-4)	NPD	2,7	79,83	0,15/0,14	67,22	0,13/0,12	0,75	PASS
SGG CLIMALIT PROTECT SILENCE 6(12 air) 44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	2,8	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT 6(12 air)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	37(-1;-3)	NPD	2,8	78,73	0,14/0,14	63,44	0,12/0,12	0,73	PASS
SGG CLIMALIT ACOUSTIC 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	2,8	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT SILENCE 6(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	2,8	79,23	0,14/0,14	62,42	0,12/0,11	0,73	PASS
SGG CLIMALIT PROTECT 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	2,7	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT PROTECT SILENCE 6(12 air)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/10	39(-2;-6)	NPD	2,8	78,52	0,14/0,14	58,72	0,12/0,11	0,71	PASS
SGG CLIMALIT PROTECT SILENCE 6(12 air)HN113-S Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40 K/40K	6/12/14	NPD	NPD	2,8	77,11	0,14/0,14	55,34	0,12/0,10	0,70	PASS
SGG CLIMALIT ACOUSTIC 6(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/8	34(-1;-3)	NPD	2,8	79,46	0,14/0,14	66,14	0,12/0,12	0,74	PASS
SGG CLIMALIT ACOUSTIC 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	2,6	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT ACOUSTIC 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT ACOUSTIC 6(15 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	34(-1;-3)	NPD	2,7	79,46	0,14/0,14	66,14	0,12/0,12	0,74	PASS
SGG CLIMALIT SILENCE 6(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/16/8	40(-2;-6)	NPD	2,7	79,23	0,14/0,14	62,42	0,12/0,11	0,73	PASS
SGG CLIMALIT PROTECT SILENCE 6(16 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/9	39(-1;-5)	NPD	2,7	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT ACOUSTIC 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT ACOUSTIC 6(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT ACOUSTIC 6(25 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/25/4	34(-1;-4)	NPD	2,75	79,80	0,14/0,15	66,50	0,12/0,13	0,73	PASS
SGG CLIMALIT ACOUSTIC 6(7 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/7/4	33(-1;-4)	NPD	3,16	79,80	0,14/0,15	66,50	0,12/0,13	0,73	PASS
SGG CLIMALIT ACOUSTIC 6(9 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/9/4	33(-1;-4)	NPD	3,00	79,80	0,14/0,15	66,50	0,12/0,13	0,73	PASS
SGG CLIMALIT ACOUSTIC 8(12 air)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/10	36(-2;-4)	NPD	2,8	78,02	0,14/0,14	61,52	0,12/0,11	0,71	PASS
SGG CLIMALIT PROTECT 8(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	34(-1;-4)	NPD	2,7	78,28	0,14/0,14	59,06	0,12/0,11	0,70	PASS
SGG CLIMALIT PROTECT 8(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	36(-1;-5)	NPD	2,8	78,28	0,14/0,14	59,06	0,12/0,11	0,70	PASS
SGG CLIMALIT PROTECT SILENCE 8(15 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	41(-2;-6)	NPD	2,7	78,28	0,14/0,14	59,06	0,12/0,11	0,70	PASS
SGG CLIMALIT PROTECT 8(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/16/9	37(-2;-5)	NPD	2,7	78,28	0,14/0,14	59,06	0,12/0,11	0,70	PASS
SGG CLIMALIT ACOUSTIC 8(20 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/5	36(-1;-4)	NPD	2,7	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
SGG CLIMALIT ACOUSTIC 8(24 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/5	37(-1;-4)	NPD	2,7	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
SGG CLIMALIT PROTECT 8(6 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/6/9	36(0;-2)	NPD	3,21	76,60	0,14/0,14	54,20	0,11/0,11	0,67	PASS
SGG CLIMALIT PROTECT SILENCE 10(12 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	42(-1;-4)	NPD	2,8	77,55	0,14/0,14	56,75	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT 10(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	40(-1;-4)	NPD	2,8	77,55	0,14/0,14	56,75	0,11/0,11	0,68	PASS
SGG CLIMALIT 10(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	2,7	78,73	0,14/0,14	63,44	0,12/0,12	0,70	PASS
SGG CLIMALIT PROTECT 10(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/9	40(-2;-5)	NPD	2,7	77,55	0,14/0,14	56,75	0,11/0,11	0,68	PASS
SGG CLIMALIT SILENCE 10(20 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/20/8	45(-1;-5)	NPD	2,7	77,78	0,14/0,14	58,15	0,11/0,11	0,68	PASS
SGG CLIMALIT ACOUSTIC 10(20 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	2,7	78,73	0,14/0,14	63,44	0,12/0,12	0,70	PASS
SGG CLIMALIT 10(24 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/24/6	38(-2;-3)	NPD	2,7	78,73	0,14/0,14	63,44	0,12/0,12	0,70	PASS
SGG CLIMALIT PROTECT 10(6 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/6/9	38(0;-3)	NPD	3,19	76,70	0,14/0,14	54,40	0,11/0,11	0,67	PASS
SGG CLIMALIT PROTECT SILENCE 12(12 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/10/9	43(-1;-4)	NPD	2,8	76,49	0,14/0,14	53,88	0,11/0,11	0,65	PASS
SGG CLIMALIT PROTECT SILENCE 12(12 air)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	12/12/10	43(-1;-5)	NPD	2,77	75,40	0,14/0,14	50,60	0,11/0,10	0,64	PASS
SGG CLIMALIT PROTECT SILENCE 12(20 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/9	44(-1;-4)	NPD	2,7	76,49	0,14/0,14	53,88	0,11/0,11	0,65	PASS
SGG CLIMALIT PROTECT SILENCE 33.2(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/2B2	40K/40K	7/10/8	40(-2;-5)	NPD	2,9	78,75	0,14/0,14	59,72	0,12/0,11	0,68	PASS
SGG CLIMALIT PROTECT SILENCE 33.2Si(20 air)44.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/20/9	43(-1;-6)	NPD	2,7	78,52	0,14/0,14	58,72	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT SILENCE 44.2(8 air)44.1Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/2B2	40K/40K	9/8/8	40(-1;-5)	NPD	3,02	76,40	0,14/0,14	53,20	0,11/0,11	0,64	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(15 air)55.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/11	44(-1;-6)	NPD	2,7	77,11	0,14/0,14	55,33	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(20 air)55.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/11	46(-2;-7)	NPD	2,7	77,11	0,14/0,14	55,33	0,11/0,11	0,66	PASS

CE	Leistungserklärung	FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg																FGT Glaswerk GmbH
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken										System zur Bewertung der Leistungsbeständigkeit : 3							
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT PROTECT SILENCE 44.2Si(20 air)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/13	49(-2;-6)	NPD	2,7	76,41	0,14/0,14	53,76	0,11/0,10	0,65	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(20 air)64.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/11	46(-1;-5)	NPD	2,7	77,11	0,14/0,14	55,33	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(24 air)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/13	50(-2;-7)	NPD	2,7	76,41	0,14/0,14	53,76	0,11/0,10	0,65	PASS
SGG CLIMALIT SILENCE 55.1(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/2B2	40K/40K	10/16/8	44(-1;-6)	NPD	2,6	77,57	0,14/0,14	57,33	0,11/0,11	0,66	PASS
XXX CLIMALIT PROTECT SILENCE 64.2(20 air)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/11	46(-1;-5)	NPD	2,7	77,11	0,14/0,14	55,33	0,11/0,11	0,65	PASS
SGG CLIMALIT PROTECT SILENCE 64.2Si(24 air) 86.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/24/15	51(-1;-4)	NPD	2,6	75,05	0,14/0,14	50,83	0,10/0,10	0,63	PASS
SGG CLIMALIT PROTECT SILENCE 66.2Si(12 air)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/12/13	45(-1;-4)	NPD	2,7	75,05	0,14/0,14	50,83	0,10/0,10	0,62	PASS
SGG CLIMALIT SILENCE 86.1(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/2B2	40K/40K	14/24/8	47(-1;-6)	NPD	2,5	76,18	0,14/0,14	54,10	0,10/0,11	0,63	PASS
SGG CLIMALIT PROTECT SILENCE 10(20 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/20/9	44(-1;-4)	NPD	2,7	77,55	0,14/0,14	56,75	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT 5(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	35(-1;-4)	NPD	2,8	79,92	0,15/0,14	62,98	0,13/0,12	0,73	PASS
SGG CLIMALIT PROTECT SILENCE 5(12 air)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	36(-1;-5)	NPD	2,8	79,92	0,15/0,14	62,98	0,13/0,12	0,73	PASS
SGG CLIMALIT PROTECT SILENCE 5(7 air)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/7/7	36(-1;-4)	NPD	3,15	78,90	0,14/0,14	58,90	0,12/0,11	0,71	PASS
SGG CLIMALIT ACOUSTIC 6(10 krypton)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	35(0;-3)	NPD	2,9	78,73	0,14/0,14	63,44	0,12/0,12	0,73	PASS
SGG CLIMALIT PROTECT 6(12 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40 K/40K	6/12/13	38(0;-3)	NPD	2,8	77,57	0,14/0,14	57,33	0,12/0,11	0,71	PASS
SGG CLIMALIT ACOUSTIC 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	2,7	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	2,7	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT PROTECT SILENCE 6(15 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	2,7	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT PROTECT SILENCE 6(15 air)55.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	41(-2;-6)	NPD	2,7	78,13	0,14/0,14	58,33	0,12/0,11	0,71	PASS
SGG CLIMALIT ACOUSTIC 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	2,6	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT SILENCE 6(15 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40 K/40K	6/15/11	40(-1;-5)	NPD	2,6	78,28	0,14/0,14	59,06	0,12/0,11	0,72	PASS
SGG CLIMALIT ACOUSTIC 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-2;-5)	NPD	2,6	80,92	0,15/0,15	70,61	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT SILENCE 8(20 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/20/13	42(-1;-5)	NPD	2,7	76,87	0,14/0,14	55,68	0,12/0,10	0,69	PASS
SGG CLIMALIT SILENCE 10(12 air)64.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/12/10	42(-1;-5)	NPD	2,8	77,09	0,14/0,14	56,47	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT 10(12 air)64.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	37(-1;-4)	NPD	2,8	76,85	0,14/0,14	55,13	0,11/0,11	0,67	PASS
SGG CLIMALIT PROTECT 10(12 air)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/17	42(-1;-3)	NPD	2,7	74,67	0,14/0,13	50,12	0,11/0,10	0,66	PASS
SGG CLIMALIT PROTECT 10(16 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/13	41(-1;-4)	NPD	2,6	76,16	0,14/0,14	53,59	0,11/0,10	0,67	PASS
SGG CLIMALIT PROTECT SILENCE 10(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/20/9	44(-1;-4)	NPD	2,6	77,55	0,14/0,14	56,75	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT SILENCE 10(24 air)86.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/24/15	45(-1;-3)	NPD	2,6	75,34	0,14/0,14	51,50	0,11/0,10	0,66	PASS
SGG CLIMALIT PROTECT SILENCE 12(10 argon)64.2Si	NPD/A1	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/10/11	43(-1;-4)	NPD	2,7	75,81	0,14/0,14	52,39	0,11/0,10	0,65	PASS
SGG CLIMALIT PROTECT SILENCE 12(15 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/15/9	43(-1;-4)	NPD	2,7	76,49	0,14/0,14	53,88	0,11/0,11	0,65	PASS
SGG CLIMALIT PROTECT 12(16 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/16/13	40(-1;-4)	NPD	2,6	75,13	0,14/0,14	50,97	0,11/0,10	0,64	PASS
SGG CLIMALIT PROTECT SILENCE 12(20 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/13	45(-1;-3)	NPD	2,6	75,13	0,14/0,14	50,97	0,11/0,10	0,64	PASS
SGG CLIMALIT PROTECT SILENCE 12(24 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/24/9	45(-1;-2)	NPD	2,6	75,13	0,14/0,14	50,97	0,11/0,10	0,64	PASS
SGG CLIMALIT PROTECT SILENCE 33.2Si(12 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/12/11	42(-2;-6)	NPD	2,6	77,81	0,14/0,14	56,98	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT SILENCE 33.2Si(20 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/20/11	44(-2;-7)	NPD	2,6	77,81	0,14/0,14	56,98	0,11/0,11	0,68	PASS
SGG CLIMALIT PROTECT SILENCE 44.1Si(24 argon)86.2Si	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/2B2	40K/40K	8/24/15	50(-2;-7)	NPD	2,5	75,96	0,14/0,14	53,11	0,11/0,10	0,66	PASS
SGG CLIMALIT PROTECT 44.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	2,70	76,10	0,14/0,14	52,30	0,10/0,10	0,63	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(20 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/11	51(-4;-10)	NPD	2,6	77,11	0,14/0,14	55,33	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT 66.2(12 air)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	13/24/15	41(-1;-7)	NPD	2,7	74,60	0,14/0,14	49,42	0,10/0,10	0,61	PASS
SGG CLIMALIT PROTECT 66.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	2,67	74,40	0,14/0,14	48,60	0,10/0,10	0,59	PASS
SGG CLIMALIT PROTECT SILENCE 66.2Si(16 argon)88.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/17	46(-1;-5)	NPD	2,5	73,71	0,14/0,13	48,17	0,10/0,10	0,61	PASS
SGG CLIMALIT PROTECT 66.4(12 air)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	14/12/14	42(-1;-5)	NPD	2,7	74,16	0,14/0,14	48,18	0,10/0,10	0,60	PASS
SGG CLIMALIT PROTECT 66.4(15 air)12	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	14/15/12	39(-1;-5)	NPD	2,6	74,82	0,14/0,14	49,86	0,10/0,11	0,60	PASS
SGG CLIMALIT PROTECT SILENCE 86.2Si(24 air)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/13	50(-1;-4)	NPD	2,6	74,38	0,14/0,14	49,47	0,10/0,10	0,60	PASS
SGG CLIMALIT PROTECT 88.4(12 air)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40 K/40K	18/12/14	43(-1;-7)	NPD	2,7	72,84	0,13/0,13	45,72	0,09/0,10	0,57	PASS
SGG CLIMALIT SILENCE 44.1Si(16 argon)55.1Si	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/2B2	40K/40K	8/16/10	45(-2;-7)	NPD	2,6	77,57	0,14/0,14	57,33	0,11/0,11	0,67	PASS
SGG CLIMALIT COOL-LITE SS132 44.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/6	NPD	NPD	2,68	28,50	0,14/0,29	19,70	0,12/0,26	0,29	PASS
SGG CLIMALIT PROTECT COOL-LITE SKN172 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	65,01	0,09/0,11	33,97	0,25/0,22	0,40	PASS
SGG CLIMALIT SAFE COOL-LITE ST450 F2 8(14 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2*)/2I	200K/40K	8/14/10	NPD	NPD	2,69	33,80	0,14/0,20	16,50	0,09/0,15	0,27	PASS
SGG CLIMALIT PROTECT COOL-LITE SKN 172 6(10 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/10/11	NPD	NPD	1,8	64,43	0,09/0,11	33,35	0,25/0,20	0,40	PASS
SGG CLIMALIT COOL-LITE SKN 172 6(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/5	NPD	NPD	1,4	66,28	0,09/0,11	36,43	0,25/0,30	0,40	PASS
SGG CLIMALIT SECURIT 6 (10 air) 6	NPD	NPD	NPD	NPD	NPD	NPD	1C1/NPD	200K/40K	6/10/6	31(-1;-4)	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT COOL-LITE ST436 SECURIT 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	2,8	27	0,17/0,22	14	0,10/0,19	0,25	PASS
SGG CLIMALIT SAFE COOL-LITE SS 132 44.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	9/10/6	38(-1;-4)	NPD	2,7	28	0,14/0,29	20	0,12/0,26	0,29	PASS
SGG CLIMALIT SAFE SILENCE 55.1Si(6air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	11/6/6	NPD	NPD	3,2	77	0,14/0,14	855	0,10/0,12	0,64	PASS
SGG CLIMALIT SAFE COOL-LITE ST 120 66.1(8air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	13/6/9	NPD	NPD	2,8	17	0,30/0,29	11	0,21/0,24	0,21	PASS
SGG CLIMALIT SAFE SILENCE 33.1(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/6	NPD	NPD	2,9	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT REFLECTASOL 5(12air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	2,9	30	0,47/0,53	38	0,34/0,37	0,44	PASS
SGG CLIMALIT COOL-LITE ST 136 6(12air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	35(-2;-5)	NPD	2,8	33,83	0,23/0,23	27,53	0,19/0,23	0,34	PASS

CE	Leistungserklärung	FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg																
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken										System zur Bewertung der Leistungsbeständigkeit : 3							
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungs hemmung	Durchbruchhem mung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämm ung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmissio n	Lichtreflektion	energietransmi ssion	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT SAFE 55.1(12air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/400K	11/12/6	NPD	NPD	2,8	78,51	0,14/0,14	60,54	0,11/0,12	0,67	PASS
SGG CLIMALIT PROTECT 33.2(10 air)SP510	NPD	NPD	NPD	NPD	NPD	P1A/P5A	1B1/1B1	40K/40K	7/10/10	NPD	NPD	2,91	76,10	0,14/0,14	51,50	0,11/0,10	0,65	PASS
SGG CLIMALIT SAFE 4(12 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	NPD	NPD	NPD	2,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE COOL-LITE ST 136 8(8air)33.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/8/7	NPD	NPD	3,0	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PROTECT ANTELIO CLEAR 6(12 air)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	6/12/8	NPD	NPD	2,81	39,6	0,30/0,17	32,2	0,33/0,27	0,45	PASS
SGG CLIMALIT PROTECT SILENCE VISION-LITE 66.2Si(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/9	NPD	NPD	2,63	84,50	0,08/0,09	51,50	0,02/0,02	0,62	PASS
SGG CLIMALIT STADIP SAFE PARSOL GREEN 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/8	NPD	NPD	2,9	64,64	0,11/0,13	35,06	0,07/0,10	0,44	PASS
SGG CLIMALIT SAFE COOL-LITE STB120 6(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,9	19,68	0,21/0,31	13,81	0,18/0,28	0,23	PASS
SGG CLIMALIT COOL-LITE STB120 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,9	20,11	0,21/0,32	15,51	0,19/0,32	0,24	PASS
SGG CLIMALIT PROTECT 4S 10(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	NPD	NPD	1,6	66,95	0,11/0,13	33,22	0,24/0,22	0,40	PASS
SGG CLIMALIT PROTECT 4S 6(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,6	68,17	0,12/0,13	34,48	0,30/0,23	0,41	PASS
SGG CLIMALIT PROTECT 4S 6(10 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/10/13	NPD	NPD	1,8	67,56	0,12/0,12	33,90	0,30/0,21	0,41	PASS
SGG CLIMALIT PLANITERM S 44.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/6	NPD	NPD	1,9	65,06	0,11/0,11	41,75	0,16/0,19	0,48	PASS
SGG CLIMALIT 8(8 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/8/5	NPD	NPD	2,8	79,83	0,14/0,15	67,22	0,12/0,13	0,73	PASS
SGG CLIMALIT SATINOVO MATE 4(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/6	NPD	NPD	3,08	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 55.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	55.1/10/44.1	NPD	NPD	2,9	77,57	0,14/0,14	57,33	0,11/0,11	0,66	PASS
SGG CLIMALIT SAFE BODY TINT BLUE 33.1 (14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	2,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE BODY TINT BLUE 33.1 (10 air)33.1 BLUE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/6	NPD	NPD	2,9	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 4(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	2,8	79,95	0,15/0,14	64,40	0,13/0,12	0,75	PASS
SGG CLIMALIT SAFE COLOR GREY 55.1(14air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/400K	10/14/6	NPD	NPD	2,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT ARENA C 6(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/4	NPD	NPD	3,10	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT REFLECTASOL BRONZE 6(6air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/6/4	32(-2;-4)	NPD	3,3	16	0,17/0,53	0,24	0,15/0,37	0,35	PASS
SGG CLIMALIT PARSOL GREY 4(6 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	32(-2;-4)	NPD	3,3	49,5	0,08/0,13	46	0,08/0,11	0,56	PASS
SGG CLIMALIT SAFE 44.1(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/5	NPD	NPD	2,9	79,59	0,14/0,15	63,40	0,12/0,13	0,69	PASS
SGG CLIMALIT SAFE COOL-LITE ST167 44.1(6 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/6/8	NPD	NPD	3,2	58	0,21/0,22	42	0,15/0,16	0,53	PASS
SGG CLIMALIT SAFE COOL-LITE ST167 44.1(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/8/8	NPD	NPD	3,0	58	0,21/0,22	42	0,15/0,16	0,53	PASS
SGG CLIMALIT SAFE COOL-LITE ST167 44.1(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	3,0	59,65	0,23/0,23	48,97	0,17/0,17	0,59	PASS
SGG CLIMALIT SAFE COOL-LITE ST167 4(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	2,8	59,65	0,23/0,23	48,97	0,17/0,17	0,59	PASS
SGG CLIMALIT SAFE COOL-LITE ST167 4(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	2,7	59,65	0,23/0,23	48,97	0,17/0,17	0,59	PASS
SGG CLIMALIT SAFE 55.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/6	NPD	NPD	2,8	78,28	0,14/0,14	59,06	0,11/0,12	0,67	PASS
SGG CLIMALIT SAFE ANTELIO CLEAR 5(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/8/6	NPD	NPD	3,10	41	0,28/0,33	39	0,22/0,23	0,49	PASS
SGG CLIMALIT SAFE OPALE 33.1(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	2,78	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 33.1(12 air)5 SATINOVO	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/5	NPD	NPD	2,80	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT 4(10 air)5 SATINOVO	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/5	NPD	NPD	3,00	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 66.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/6	NPD	NPD	2,9	77,80	0,14/0,14	58,75	0,11/0,12	0,65	PASS
SGG CLIMALIT 6(6 air)5 SATINOVO	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/6/5	NPD	NPD	3,30	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE SILENCE 33.1Si(6 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/6/6	NPD	NPD	3,20	78,1	0,14/0,14	59,1	0,11/0,11	0,68	PASS
SGG CLIMALIT SAFE CLARGLAS NEW 33.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	29(-1;-4)	NPD	2,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE BALDOSA GRABADA 19(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	19/10/10	NPD	NPD	2,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE 44.1(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	19/10/12	NPD	NPD	2,9	77,00	0,14/0,14	56,00	0,11/0,11	0,65	PASS
SGG CLIMALIT SAFE 66.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/10	NPD	NPD	2,7	76,18	0,14/0,14	54,10	0,11/0,11	0,64	PASS
SGG CLIMALIT SAFE 66.1(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/8/6	NPD	NPD	3,00	76,00	0,14/0,14	52,00	0,10/0,11	0,61	PASS
SGG CLIMALITE PLUS SILENCE PLANITHERM S 4(10 air)44.1 Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,9	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMALITE SAFE SATINOVO MATE 44.1(8 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/5	NPD	NPD	3,05	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE SILENCE 33.1Si(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/6/6	NPD	NPD	3,2	78	0,14/0,14	59	0,11/0,11	0,68	PASS
SGG CLIMALIT SAFE 44.1(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/6/6	NPD	NPD	3,2	77	0,14/0,14	56,3	0,11/0,11	0,65	PASS
SGG CLIMALIT SAFE 44.1 OPALE (6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/6/6	NPD	NPD	3,2	66	0,11/0,13	49	0,09/0,11	0,59	PASS
SGG CLIMALIT SAFE 66.1 OPALE (6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/6/6	NPD	NPD	3,2	65	0,11/0,13	45	0,09/0,11	0,55	PASS
SGG CLIMALIT SAFE 66.1 (6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/6/6	NPD	NPD	3,2	76	0,14/0,14	52	0,10/0,11	0,61	PASS
SGG CLIMALIT SAFE COOL-LITE KNT155 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,9	46	0,17/0,10	28	0,19/0,15	0,37	PASS
SGG CLIMALIT SAFE ARENA C 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	2,94	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE REFLECTASOL 66.1(6 air)55.1Z COLOR BLUE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/6/10	NPD	NPD	3,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PROTECT 33.2(8 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/8/4	NPD	NPD	3,1	80,44	0,14/0,15	64,82	0,12/0,13	0,70	PASS
SGG CLIMALIT PROTECT 33.2(10 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/10/4	NPD	NPD	2,9	80,44	0,14/0,15	64,82	0,12/0,13	0,70	PASS
SGG CLIMALIT SAFE COLOR GREY 33.1(8 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/5	NPD	NPD	3,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SECURIT SAFE 5(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	5/6/6	NPD	NPD	3,26	79,1	0,14/0,14	61,40	0,12/0,11	0,71	PASS
SGG CLIMALIT SAFE 4(6 air)55.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	NPD	NPD	NPD	3,23	66	0,14/0,11	50,2	0,12/0,09	0,68	PASS
SGG CLIMALIT SAFE 33.1(8 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/8/5	NPD	NPD	3,1	80,31	0,15/0,15	65,43	0,12/0,13	0,71	PASS
SGG CLIMALIT SAFE ARENA C 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	3,1	NPD	NPD	NPD	NPD	NPD	PASS

CE	Leistungserklärung						FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg											
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT SAFE 33.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/8/4	NPD	NPD	3,1	80,68	0,15/0,15	66,48	0,12/0,13	0,71	PASS
SGG CLIMALIT 6(6 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/6/8	NPD	NPD	3,2	79,46	0,14/0,14	66,14	0,12/0,12	0,74	PASS
SGG CLIMALIT 8(6 air)6 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/6/6		NPD	3,2	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT PARSOL GREEN 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	NPD	NPD	3,29	71	0,12/0,14	46	0,08/0,12	0,54	PASS
SGG CLIMALIT 6(12 air)4 SATINIVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	NPD	NPD	2,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SAFE SILENCE 33.1(25 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/25/6	NPD	NPD	2,7	78	0,14/0,14	58,7	0,11/0,11	0,68	PASS
SGG SGG CLIMALITE SILENCE SATINOVO MATE 33.1Si(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/5	NPD	NPD	2,93	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SILENCE 4(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	2,9	80,68	0,15/0,15	66,48	0,13/0,12	0,75	PASS
SGG CLIMALIT 8(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/8	NPD	NPD	2,7	78,75	0,14/0,14	64,08	0,12/0,12	0,72	PASS
SGG CLIMALIT SAFE 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	2,8	80,68	0,15/0,15	66,48	0,13/0,12	0,75	PASS
SGG CLIMALIT SAFE 33.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	2,8	79,71	0,14/0,14	62,80	0,12/0,12	0,70	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(12 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	2,8	79,71	0,14/0,15	62,80	0,11/0,13	0,68	PASS
SGG CLIMALIT SAFE COOL-LITE STB 136 6(12air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	2,7	32,19	0,18/0,21	23,82	0,16/0,22	0,33	PASS
SGG CLIMALIT SECURIT PROTECT COOL-LITE STB120 F2 6(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/12/9	37(-1;-4)	NPD	2,6	19,80	0,21/0,31	13,87	0,19/0,27	0,23	PASS
SGG CLIMALIT BIOCLEAN 44.1(18 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/18/10	NPD	NPD	2,7	74	0,17/0,16	51	0,13/0,11	0,63	PASS
SGG CLIMALIT SAFE 66.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/4	NPD	NPD	2,9	78,51	0,14/0,15	60,54	0,11/0,13	0,66	PASS
SGG CLIMALIT REFLECTASOL 6(10air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	2,9	29	0,46/0,52	35	0,33/0,35	0,42	PASS
SGG CLIMALIT 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	2,9	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT SP510(16 air)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	2,7	78,76	0,14/0,15	58,72	0,11/0,13	0,64	PASS
SGG CLIMALIT ACOUSTIC 8(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	2,7	80,19	0,14/0,15	68,32	0,12/0,13	0,73	PASS
SGG CLIMALIT ACOUSTIC 10(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	NPD	NPD	2,7	79,44	0,14/0,15	65,46	0,12/0,13	0,70	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(14 air)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/14/8	NPD	NPD	2,7	78,28	0,14/0,14	59,06	0,11/0,12	0,67	PASS
SGG CLIMALIT PROTECT SILENCE 44.2Si(12 air)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/10	42(-1;-4)	NPD	2,8	77,55	0,14/0,14	56,75	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT SILENCE 64.2Si(12 air)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/12/9	NPD	NPD	2,8	77,11	0,14/0,14	55,33	0,11/0,11	0,64	PASS
SGG CLIMALIT PROTECT LITE-FLOOR F-4735 (15 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1B1/1B1	40K/40K	47/15/13	NPD	NPD	2,4	63	0,11/0,13	31	0,07/0,09	0,42	PASS
SGG CLIMALIT PROTECT 66.2(20 air)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/13	NPD	NPD	2,6	75,05	0,14/0,14	50,83	0,10/0,10	0,62	PASS
SGG CLIMALIT PROTECT 44.2(20 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/9	NPD	NPD	2,7	77,81	0,14/0,14	56,98	0,11/0,11	0,66	PASS
SGG CLIMALIT PROTECT 6(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	NPD	NPD	2,7	78,99	0,14/0,14	60,89	0,12/0,11	0,72	PASS
SGG CLIMALIT PROTECT 33.2(14 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	2,8	80,44	0,14/0,15	64,82	0,12/0,13	0,70	PASS
SGG CLIMALIT PROTECT SP510(10 air)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/10/4	NPD	NPD	2,9	78,76	0,14/0,15	58,72	0,11/0,13	0,64	PASS
SGG CLIMALIT 5(14 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/14/5	NPD	NPD	2,8	80,92	0,15/0,15	70,61	0,13/0,13	0,76	PASS
SGG CLIMALIT PROTECT 33.2(10 air)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/10/7	NPD	NPD	2,9	79,23	0,14/0,14	60,54	0,12/0,12	0,68	PASS
SGG CLIMALIT PROTECT SP510(8 air)6	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/8/6	NPD	NPD	3	77	0,14/0,14	53	0,10/0,11	0,61	PASS
SGG CLIMALIT PROTECT SP510(8 air)33.2	NPD	NPD	NPD	NPD	NPD	P5A/P1A	1B1/1B1	40K/40K	10/8/7	NPD	NPD	3	76	0,14/0,14	51	0,10/0,11	0,61	PASS
SGG CLIMALIT PROTECT SILENCE 54/59	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	19/28/12	NPD	NPD	2,5	71	0,13/0,13	43,00	0,09/0,10	0,55	PASS
SGG CLIMALIT SECURIT PROTECT PARSOL GREEN 8(12 air)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/12/9	NPD	NPD	2,7	57	0,10/0,12	26	0,07/0,08	0,38	PASS
SGG CLIMALIT PROTECT 4(6 air)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	4/6/10	NPD	NPD	3,2	77	0,14/0,14	55	0,12/0,10	0,70	PASS
SGG CLIMALIT PROTECT 4(6 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/6/9	NPD	NPD	3,2	78	0,14/0,14	59	0,12/0,11	0,71	PASS
SGG CLIMALIT PROTECT 88.4(15 air)HN113-S	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	18/15/14	NPD	NPD	2,6	72,84	0,13/0,13	45,72	0,09/0,10	0,57	PASS
SGG CLIMALIT PROTECT 66.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	2,7	76,41	0,14/0,14	53,76	0,10/0,11	0,63	PASS
SGG CLIMALIT SAFE DIAMANT 1010.3SGP(14 air)88.1	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/2B2	40K/40K	22/14/16	NPD	NPD	2,6	80	0,14/0,15	64	0,12/0,12	0,70	PASS
SGG CLIMALIT PROTECT 88.2(15 air)88.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	17/15/17	NPD	NPD	2,6	72,40	0,13/0,13	45,74	0,10/0,10	0,58	PASS
SGG CLIMALIT PROTECT 33.2(16 argon)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/16/7	NPD	NPD	2,6	79,23	0,14/0,14	60,54	0,12/0,12	0,69	PASS
SGG CLIMALIT 6(16 air)6 SWS V	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	NPD	NPD	2,7	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT PROTECT 66.2(16 air)66.2 SWS V	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/13	NPD	NPD	2,6	75,05	0,14/0,14	50,83	0,10/0,10	0,62	PASS
SGG CLIMALIT PROTECT 5(15 air)ULTIMAX HP421-NS	NPD	NPD	NPD	NPD	NPD/BR4-NS	NPD	NPD/1B1	40K/40K	5/15/20	NPD	NPD	2,7	77,43	0,14/0,14	56,63	0,12/0,10	0,72	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1 OPALE(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT SILENCE 8(16 air)46.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/16/10	43(-2;-6)	NPD	2,7	77,80	0,14/0,14	58,74	0,12/0,11	0,70	PASS
SGG CLIMALIT COOL-LITE ST108 F2 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,7	7,44	0,44/0,40	5,39	0,38/0,41	0,09	PASS
SGG CLIMALIT PROTECT 4(12 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	4/12/10	NPD	NPD	2,8	79,23	0,15/0,14	60,54	0,13/0,11	0,73	PASS
SGG CLIMALIT SECURIT SAFE COOL-LITE ST120 F2 8(20 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/20/8	NPD	NPD	2,5	17,87	0,32/0,29	12,60	0,25/0,26	0,20	PASS
SGG CLIMALIT SAFE 64.1(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/10/12	NPD	NPD	2,8	76,18	0,14/0,14	54,10	0,11/0,11	0,65	PASS
SGG CLIMALIT PROTECT 44.2(12 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/2B2	40K/40K	9/12/6	NPD	NPD	2,8	78,75	0,14/0,14	59,72	0,11/0,12	0,67	PASS
SGG CLIMALIT SAFE SILENCE 1010.1Si(24 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	20/24/12	NPD	NPD	2,6	73	0,13/0,14	46	0,09/0,10	0,57	PASS
SGG CLIMALIT SECURIT PROTECT 55.6(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1B1/1C2	200K/200K	12/16/8	NPD	NPD	2,6	77	0,14/0,14	54	0,10/0,12	0,62	PASS
SGG CLIMALIT SAFE SERALIT EVOLUTION 12(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	12/812	NPD	NPD	2,9	75,50	0,14/0,14	52,81	0,11/0,10	0,65	PASS
SGG CLIMALIT 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	NPD	NPD	2,6	80,19	0,15/0,15	68,32	0,13/0,13	0,75	PASS
SGG CLIMALIT 3(9 air)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/9/3	NPD	NPD	3	82	0,15/0,15	76	0,14/0,14	0,79	PASS
SGG CLIMALIT 3(9 argon)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/9/3	NPD	NPD	2,8	82	0,15/0,15	76	0,14/0,14	0,79	PASS

CE	Leistungserklärung				FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg													
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT COOL-LITE ST150 F2 44.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	2,7	46	0,20/0,22	35	0,14/0,19	0,43	PASS
SGG CLIMALIT PROTECT 4(16 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/16/7	NPD	NPD	2,7	80,44	0,15/0,14	64,82	0,13/0,12	0,75	PASS
SGG CLIMALIT SECURIT PROTECT 6(8 argon)HN432-S	NPD	NPD	NPD	NPD/BR4-S	NPD	NPD	1C2/1B1	200K/40K	6/8/33	NPD	NPD	2,6	70	0,14/0,12	41	0,11/0,08	0,66	PASS
SGG CLIMALIT SAFE 4(10 air)66.1 COLOR	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/2B2	40K/40K	4/10/12	NPD	NPD	2,9	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	76,71	0,15/0,14	51,16	0,26/0,28	0,59	PASS
SGG CLIMAPLUS ULTRA N 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	76,71	0,15/0,14	51,16	0,26/0,28	0,59	PASS
SGG CLIMAPLUS ULTRA N F3 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS BIOCLEAN ACOUSTIC ULTRA N 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,1	76,71	0,15/0,14	51,16	0,26/0,28	0,59	PASS
SGG CLIMAPLUS ULTRA N F3 ACOUSTIC 8(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,1	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS BIOCLEAN ACOUSTIC ULTRA N 8(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,1	76,02	0,15/0,14	49,82	0,24/0,28	0,57	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 8(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/4	33(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS BIOCLEAN ULTRA N ACOUSTIC 8(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/4	33(-1;-4)	NPD	1,1	76,02	0,15/0,14	49,82	0,24/0,28	0,57	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,1	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS BIOCLEAN ULTRA N ACOUSTIC 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,1	76,02	0,15/0,14	49,82	0,24/0,28	0,57	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C3/1B1	200K/40K	4/15/9	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,26/0,19	0,62	PASS
SGG CLIMAPLUS BIOCLEAN PROTECT ULTRA N 44.2(15 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/15/4	NPD	NPD	1,1	75,56	0,14/0,14	47,27	0,21/0,27	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	37(-2;-6)	NPD	1,1	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
SGG CLIMAPLUS ULTRA N PROTECT BIOCLEAN 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	37(-2;-6)	NPD	1,1	75,56	0,14/0,14	47,27	0,21/0,27	0,54	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 10(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/4	35(-2;-5)	NPD	1,1	77,69	0,12/0,12	50,13	0,20/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC BIOCLEAN 10(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/4	35(-2;-5)	NPD	1,1	75,31	0,14/0,14	48,18	0,22/0,27	0,55	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 10(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	35(-2;-5)	NPD	1,1	77,69	0,12/0,12	50,13	0,20/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC BIOCLEAN 10(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	35(-2;-5)	NPD	1,1	75,31	0,14/0,14	48,18	0,22/0,27	0,55	PASS
SGG CLIMAPLUS ULTRA N F3 10(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/4	NPD	NPD	1,1	77,69	0,12/0,12	50,13	0,20/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 10(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/4	NPD	NPD	1,1	75,31	0,14/0,14	48,18	0,22/0,27	0,55	PASS
SGG CLIMAPLUS ULTRA N F3 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,1	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC BIOCLEAN 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,1	74,63	0,14/0,14	46,98	0,22/0,25	0,55	PASS
SGG CLIMAPLUS ULTRA N PROTECT 44.2(20 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/20/6	NPD	NPD	1,1	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS ULTRA N PROTECT BIOCLEAN 44.2(20 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/20/6	NPD	NPD	1,1	74,88	0,14/0,14	46,10	0,21/0,25	0,54	PASS
SGG CLIMAPLUS N SILENCE 33.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,19	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 33.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,19	76,20	0,15/0,14	48,00	0,22/0,24	0,57	PASS
SGG CLIMAPLUS N SILENCE 33.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,20	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 33.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,20	76,20	0,15/0,14	48,00	0,22/0,24	0,57	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/4	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,17/0,23	0,57	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/4	NPD	NPD	1,19	75,30	0,14/0,14	46,40	0,20/0,24	0,56	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,17/0,23	0,57	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,19	75,30	0,14/0,14	46,40	0,20/0,24	0,56	PASS
SGG CLIMAPLUS N SILENCE 33.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 33.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,19	75,30	0,14/0,14	46,40	0,22/0,22	0,57	PASS
SGG CLIMAPLUS N SILENCE 33.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 33.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,19	75,30	0,14/0,14	46,40	0,22/0,22	0,57	PASS
SGG CLIMAPLUS N SILENCE 33.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/6	NPD	NPD	1,14	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 33.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/6	NPD	NPD	1,14	75,30	0,14/0,14	46,40	0,22/0,22	0,57	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/6	40(-2;-6)	NPD	1,18	76,60	0,12/0,12	45,80	0,17/0,21	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/6	40(-2;-6)	NPD	1,18	74,40	0,14/0,14	44,90	0,20/0,22	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	40 (-2;-6)	NPD	1,19	76,60	0,12/0,12	45,80	0,17/0,21	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	40 (-2;-6)	NPD	1,19	74,40	0,14/0,14	44,90	0,20/0,22	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/20/8	NPD	NPD	1,21	76,60	0,12/0,12	45,80	0,18/0,19	0,58	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/20/8	NPD	NPD	1,21	74,40	0,14/0,14	44,90	0,22/0,20	0,57	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/6	38(-1;-4)	NPD	1,13	76,60	0,12/0,12	45,80	0,17/0,21	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/6	38(-1;-4)	NPD	1,13	74,40	0,14/0,14	44,90	0,20/0,22	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/6	NPD	NPD	1,21	76,60	0,12/0,12	45,80	0,17/0,21	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/6	NPD	NPD	1,21	74,40	0,14/0,14	44,90	0,20/0,22	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/10	NPD	NPD	1,18	76,70	0,12/0,12	46,00	0,18/0,19	0,58	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/10	NPD	NPD	1,18	74,50	0,14/0,14	45,00	0,22/0,20	0,57	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/10	NPD	NPD	1,19	76,70	0,12/0,12	46,00	0,18/0,19	0,58	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/10	NPD	NPD	1,19	74,50	0,14/0,14	45,00	0,22/0,20	0,57	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/8	NPD	NPD	1,21	75,70	0,12/0,12	44,40	0,17/0,19	0,56	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/8	NPD	NPD	1,21	73,50	0,14/0,14	43,50	0,20/0,20	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/10	NPD	NPD	1,18	75,80	0,12/0,12	44,60	0,17/0,20	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/10	NPD	NPD	1,18	73,70	0,14/0,14	43,60	0,20/0,20	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/10	NPD	NPD	1,18	75,80	0,12/0,12	44,60	0,17/0,20	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/10	NPD	NPD	1,18	73,70	0,14/0,14	43,60	0,20/0,20	0,55	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(24 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/8	NPD	NPD	1,23	75,70	0,12/0,12	44,40	0,17/0,19	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(24 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/8	NPD	NPD	1,23	73,50	0,14/0,14	43,50	0,20/0,20	0,55	PASS
SGG CLIMAPLUS N SILENCE 55.1Si(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/8	NPD	NPD	1,18	74,70	0,11/0,12	42,50	0,15/0,17	0,55	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 55.1Si(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/8	NPD	NPD	1,18	72,50	0,14/0,14	41,50	0,18/0,18	0,53	PASS
SGG CLIMAPLUS N SILENCE 55.1Si(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/8	45(-2;-7)	NPD	1,18	74,70	0,11/0,12	42,50	0,15/0,17	0,55	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 55.1Si(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/8	45(-2;-7)	NPD	1,18	72,50	0,14/0,14	41,50	0,18/0,18	0,53	PASS
SGG CLIMAPLUS N SILENCE 66.1Si(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/24/6	NPD	NPD	1,23	74,80	0,11/0,12	43,10	0,14/0,21	0,53	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 66.1Si(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/24/6	NPD	NPD	1,23	72,70	0,14/0,14	42,10	0,17/0,22	0,52	PASS
SGG CLIMAPLUS N SILENCE 66.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	NPD	NPD	1,18	73,50	0,11/0,12	40,40	0,13/0,16	0,52	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 66.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	NPD	NPD	1,18	71,40	0,14/0,13	39,50	0,16/0,17	0,51	PASS
SGG CLIMAPLUS N SILENCE 66.2Si(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/9	NPD	NPD	1,18	73,50	0,11/0,12	40,40	0,13/0,16	0,52	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 66.2Si(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/9	NPD	NPD	1,18	71,40	0,14/0,13	39,50	0,16/0,17	0,51	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(24 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/10	NPD	NPD	1,23	75,80	0,12/0,12	44,60	0,17/0,19	0,56	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.1Si(24 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/10	NPD	NPD	1,23	73,70	0,14/0,14	43,60	0,20/0,20	0,55	PASS
SGG CLIMAPLUS N SILENCE 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49 (-2;-6)	NPD	1,20	73,50	0,11/0,12	40,40	0,13/0,16	0,52	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49 (-2;-6)	NPD	1,20	71,40	0,14/0,13	39,50	0,16/0,17	0,51	PASS
SGG CLIMAPLUS N SILENCE 66.2Si(24 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	50 (-2;-7)	NPD	1,22	73,50	0,11/0,12	40,40	0,13/0,16	0,52	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 66.2Si(24 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	50 (-2;-7)	NPD	1,22	71,40	0,14/0,13	39,50	0,16/0,17	0,51	PASS
SGG CLIMAPLUS N SILENCE 86.1Si(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	14/24/8	NPD	NPD	1,22	72,90	0,11/0,12	40,10	0,13/0,17	0,51	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 68.1Si(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	14/24/8	NPD	NPD	1,22	70,80	0,14/0,13	39,10	0,16/0,18	0,50	PASS
SGG CLIMAPLUS N SILENCE 86.2Si(24 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/11	51(-1;-4)	NPD	1,22	71,80	0,11/0,11	38,20	0,12/0,15	0,50	PASS
SGG CLIMAPLUS N SILENCE BIOCLEAN 86.2Si(24 argon)46.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/11	51(-1;-4)	NPD	1,22	69,70	0,14/0,13	37,30	0,15/0,16	0,49	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 33.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,1	76,48	0,15/0,14	49,22	0,23/0,27	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,1	76,48	0,15/0,14	49,22	0,23/0,27	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/4	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,20/0,26	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/4	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,22/0,27	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,20/0,26	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,22/0,27	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,22/0,24	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,23/0,25	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,22/0,24	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,23/0,25	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/6	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,22/0,24	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/6	NPD	NPD	1,06	75,20	0,14/0,13	46,90	0,22/0,23	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/6	40(-2;-6)	NPD	1,1	77,48	0,12/0,12	48,49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/6	40(-2;-6)	NPD	1,1	75,11	0,14/0,14	46,78	0,22/0,25	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	40 (-2;-6)	NPD	1,1	77,48	0,12/0,12	48,49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	40 (-2;-6)	NPD	1,1	75,11	0,14/0,14	46,78	0,22/0,25	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/20/8	NPD	NPD	1,1	77,48	0,12/0,12	48,48	0,22/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/20/8	NPD	NPD	1,1	75,11	0,15/0,14	46,78	0,23/0,23	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/6	38(-1;-4)	NPD	1,1	77,48	0,12/0,12	48,49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/6	38(-1;-4)	NPD	1,06	74,30	0,14/0,13	45,40	0,21/0,23	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/6	NPD	NPD	1,1	77,48	0,12/0,12	48,49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/6	NPD	NPD	1,1	75,11	0,14/0,14	46,78	0,22/0,25	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/10	NPD	NPD	1,1	76,76	0,12/0,12	46,95	0,22/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/10	NPD	NPD	1,1	74,41	0,15/0,14	45,29	0,23/0,21	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 33.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/10	NPD	NPD	1,1	76,76	0,12/0,12	46,95	0,22/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/10	NPD	NPD	1,1	74,41	0,15/0,14	45,29	0,23/0,21	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/8	NPD	NPD	1,1	76,78	0,12/0,12	47,31	0,20/0,22	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/20/8	NPD	NPD	1,1	74,43	0,14/0,14	45,64	0,22/0,23	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/10	NPD	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/15/10	NPD	NPD	1,1	73,74	0,14/0,14	44,22	0,22/0,21	0,54	PASS

CE	Leistungserklärung						FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg											
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/10	43(-1;-5)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/10	NPD	NPD	1,1	73,74	0,14/0,14	44,22	0,22/0,21	0,54	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(24 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/8	NPD	NPD	1,2	76,78	0,12/0,12	47,31	0,20/0,22	0,57	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(24 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/8	NPD	NPD	1,2	74,43	0,14/0,14	45,64	0,22/0,23	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE 55.1Si(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/8	NPD	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 55.1Si(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/8	NPD	NPD	1,1	73,54	0,14/0,14	43,91	0,20/0,21	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE 55.1Si(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/8	45(-2;-7)	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,55	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 55.1Si(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/8	45(-2;-7)	NPD	1,1	73,54	0,14/0,14	43,91	0,20/0,21	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE 66.1Si(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/24/6	NPD	NPD	1,2	76,10	0,12/0,12	46,18	0,18/0,24	0,54	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 66.1Si(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/24/6	NPD	NPD	1,2	73,76	0,14/0,14	44,55	0,19/0,25	0,52	PASS
SGG CLIMAPLUS ULTRA N SILENCE 66.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	NPD	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 66.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	NPD	NPD	1,1	72,44	0,14/0,14	42,00	0,18/0,20	0,51	PASS
SGG CLIMAPLUS ULTRA N SILENCE 66.2Si(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/9	NPD	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 66.2Si(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/9	NPD	NPD	1,1	72,44	0,14/0,14	42,00	0,18/0,20	0,51	PASS
SGG CLIMAPLUS ULTRA N SILENCE 44.1Si(24 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/10	NPD	NPD	1,2	76,08	0,12/0,12	45,84	0,20/0,20	0,56	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 44.1Si(24 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/10	NPD	NPD	1,2	73,74	0,14/0,14	44,22	0,22/0,21	0,54	PASS
SGG CLIMAPLUS ULTRA N F3 PROTECT SILENCE 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49 (-2;-6)	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49 (-2;-6)	NPD	1,1	72,44	0,14/0,14	42,00	0,18/0,20	0,51	PASS
SGG CLIMAPLUS ULTRA N F3 PROTECT SILENCE 66.2Si(24 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	50 (-2;-7)	NPD	1,2	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 66.2Si(24 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	50 (-2;-7)	NPD	1,2	72,44	0,14/0,14	42,00	0,18/0,20	0,51	PASS
SGG CLIMAPLUS ULTRA N SILENCE 86.1Si(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	14/24/8	47 (-1;-6)	NPD	1,2	74,52	0,11/0,12	43,43	0,16/0,20	0,53	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 86.1Si(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	14/24/8	NPD	NPD	1,2	72,22	0,14/0,14	41,91	0,18/0,21	0,51	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 86.1Si(24 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/11	51(-1;-4)	NPD	1,1	73,41	0,11/0,12	41,57	0,15/0,17	0,52	PASS
SGG CLIMAPLUS ULTRA N SILENCE BIOCLEAN 86.2Si(24 argon)46.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/11	51(-1;-4)	NPD	1,1	71,15	0,14/0,13	40,13	0,17/0,18	0,50	PASS
SGG CLIMAPLUS N SAFE 33.1(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,19	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 33.1(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,19	76,20	0,15/0,14	48,00	0,22/0,24	0,57	PASS
SGG CLIMAPLUS N SAFE 33.1(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,20	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 33.1(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,20	76,20	0,15/0,14	48,00	0,22/0,24	0,57	PASS
SGG CLIMAPLUS N SAFE 33.1(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 33.1(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,19	75,30	0,14/0,04	46,40	0,22/0,22	0,57	PASS
SGG CLIMAPLUS N SAFE 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,19	75,30	0,14/0,04	46,40	0,22/0,22	0,57	PASS
SGG CLIMAPLUS N PROTECT 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,18	76,40	0,12/0,12	45,10	0,20/0,16	0,61	PASS
SGG CLIMAPLUS N PROTECT BIOCLEAN 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,18	74,30	0,14/0,14	44,20	0,24/0,17	0,59	PASS
SGG CLIMAPLUS N PROTECT 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	39(-1;-5)	NPD	1,19	76,40	0,12/0,12	45,10	0,20/0,16	0,61	PASS
SGG CLIMAPLUS N PROTECT BIOCLEAN 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	39(-1;-5)	NPD	1,19	74,30	0,14/0,14	44,20	0,24/0,17	0,59	PASS
SGG CLIMAPLUS N SAFE 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	31(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	31(-1;-4)	NPD	1,19	75,50	0,15/0,14	48,20	0,24/0,22	0,60	PASS
SGG CLIMAPLUS N SAFE 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	31(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	31(-1;-4)	NPD	1,19	75,50	0,15/0,14	48,20	0,24/0,22	0,60	PASS
SGG CLIMAPLUS N SAFE 8(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/15/8	NPD	NPD	1,2	76,66	0,12/0,12	49,60	0,21/0,20	0,61	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 8(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/15/8	NPD	NPD	1,18	73,70	0,14/0,14	45,10	0,22/0,20	0,58	PASS
SGG CLIMAPLUS N SAFE 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/8	NPD	NPD	1,2	76,66	0,12/0,12	49,60	0,21/0,20	0,61	PASS
SGG CLIMAPLUS N SAFE BIOCLEAN 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/8	NPD	NPD	1,19	73,70	0,14/0,14	45,10	0,22/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE 33.1(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE BIOCLEAN 33.1(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,1	76,48	0,15/0,14	49,22	0,23/0,27	0,56	PASS
SGG CLIMAPLUS ULTRA N SAFE 33.1(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE BIOCLEAN 33.1(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,1	76,48	0,15/0,14	49,22	0,23/0,27	0,56	PASS
SGG CLIMAPLUS ULTRA N SAFE 33.1(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,22/0,24	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE BIOCLEAN 33.1(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/6	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,23/0,25	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,1	78	0,12/0,12	50	0,22/0,24	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE BIOCLEAN 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,23/0,25	0,56	PASS
SGG CLIMAPLUS ULTRA N PROTECT 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	77,48	0,12/0,12	48,49	0,24/0,20	0,60	PASS
SGG CLIMAPLUS ULTRA N PROTECT BIOCLEAN 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	75,11	0,15/0,14	46,79	0,25/0,21	0,58	PASS
SGG CLIMAPLUS ULTRA N PROTECT 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	NPD	NPD	1,1	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS ULTRA N PROTECT BIOCLEAN 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	39(-1;-5)	NPD	1,1	74,88	0,15/0,14	46,10	0,25/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N SAFE BIOCLEAN 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	31(-1;-4)	NPD	1,1	76,02	0,15/0,14	49,82	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS ULTRA N SAFE BIOCLEAN 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	31(-1;-4)	NPD	1,1	76,02	0,15/0,14	49,82	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE 8(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/15/8	NPD	NPD	1,1	77,01	0,12/0,12	49,23	0,23/0,22	0,59	PASS
SGG CLIMAPLUS BIOCLEAN ULTRA N SAFE 8(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/15/8	NPD	NPD	1,1	74,65	0,14/0,14	47,33	0,24/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N SAFE 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/8	NPD	NPD	1,1	77,01	0,12/0,12	49,23	0,23/0,22	0,59	PASS
SGG CLIMAPLUS BIOCLEAN ULTRA N SAFE 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/8	NPD	NPD	1,1	74,65	0,14/0,14	47,33	0,24/0,24	0,57	PASS
SGG CLIMAPLUS COOL-LITE SKN 165 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	60,55	0,16/0,17	30,26	0,32/0,39	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN 165 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	60,55	0,16/0,17	30,26	0,32/0,39	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN154 F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,0	50,46	0,18/0,22	24,44	0,34/0,42	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,0	50,46	0,18/0,22	24,44	0,34/0,42	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,0	49	0,20/0,24	23	0,34/0,42	0,26	PASS
SGG CLIMAPLUS COOL-LITE KN 169 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,3	61,55	0,17/0,11	40,46	0,23/0,25	0,44	PASS
SGG CLIMAPLUS COOL-LITE KN 169 BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,32	59,90	0,19/0,12	39,10	0,26/0,24	0,44	PASS
SGG CLIMAPLUS COOL-LITE KN 169 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,3	61,55	0,17/0,11	40,46	0,23/0,25	0,44	PASS
SGG CLIMAPLUS COOL-LITE KN 169 BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,33	59,90	0,19/0,12	39,10	0,26/0,24	0,44	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(15 argon)4 mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,2	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS COOL-LITE SKN 172 BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,15	64,70	0,12/0,12	35,70	0,28/0,29	0,39	PASS
SGG CLIMAPLUS COOL-LITE SKN 172 F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,2	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS COOL-LITE KB 159 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,4	52,57	0,25/0,15	37,31	0,23/0,24	0,41	PASS
SGG CLIMAPLUS COOL-LITE KB 159 BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,38	51,50	0,30/0,17	36,20	0,30/0,23	0,41	PASS
SGG CLIMAPLUS COOL-LITE KB 159 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,4	52,57	0,25/0,15	37,31	0,23/0,24	0,41	PASS
SGG CLIMAPLUS COOL-LITE KB 159 BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,39	51,50	0,30/0,17	36,20	0,30/0,23	0,41	PASS
SGG CLIMAPLUS COOL-LITE KN 155 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,3	50,63	0,17/0,10	34,21	0,22/0,22	0,38	PASS
SGG CLIMAPLUS COOL-LITE KN 155 BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,35	49,40	0,20/0,11	33,00	0,25/0,21	0,38	PASS
SGG CLIMAPLUS COOL-LITE KN 155 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,4	50,63	0,17/0,10	34,21	0,22/0,22	0,38	PASS
SGG CLIMAPLUS COOL-LITE KN 155 BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,36	49,40	0,20/0,11	33,00	0,25/0,21	0,38	PASS
SGG CLIMAPLUS COOL-LITE KS 147 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	43,64	0,44/0,41	26,50	0,45/0,50	0,29	PASS
SGG CLIMAPLUS COOL-LITE KS 147 BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,12	43,00	0,45/0,42	25,40	0,48/0,48	0,28	PASS
SGG CLIMAPLUS COOL-LITE KS 147 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	43,64	0,44/0,41	26,50	0,45/0,50	0,29	PASS
SGG CLIMAPLUS COOL-LITE KS 147 BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	43,00	0,45/0,42	25,40	0,48/0,48	0,28	PASS
SGG CLIMAPLUS N ANTELIO SILVER 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,19	59,10	0,31/0,30	39,60	0,32/0,34	0,48	PASS
SGG CLIMAPLUS N ANTELIO SILVER 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	59,10	0,31/0,30	39,60	0,32/0,34	0,48	PASS
SGG CLIMAPLUS N ANTELIO GREEN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,19	47,60	0,21/0,29	24,20	0,13/0,32	0,31	PASS
SGG CLIMAPLUS N ANTELIO GREEN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	47,60	0,21/0,29	24,20	0,13/0,32	0,31	PASS
SGG CLIMAPLUS N ANTELIO CLEAR 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/4	32(-1;-4)	NPD	1,19	29,60	0,27/0,31	38,00	0,28/0,34	0,38	PASS
SGG CLIMAPLUS N ANTELIO CLEAR 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	40,60	0,27/0,31	29,60	0,28/0,34	0,38	PASS
SGG CLIMAPLUS N ANTELIO BRONZE 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,18	20,18	0,12/0,30	14,80	0,14/0,26	0,24	PASS
SGG CLIMAPLUS N ANTELIO BRONZE 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	20,18	0,12/0,30	14,80	0,14/0,26	0,24	PASS
SGG CLIMAPLUS ULTRA N ANTELIO SILVER 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	59,50	0,32/0,31	41,57	0,36/0,37	0,48	PASS
SGG CLIMAPLUS ULTRA N ANTELIO SILVER F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	59,50	0,32/0,31	41,57	0,36/0,37	0,48	PASS
SGG CLIMAPLUS ULTRA N ANTELIO GREEN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	47,53	0,21/0,29	24,42	0,14/0,36	0,30	PASS
SGG CLIMAPLUS ULTRA N ANTELIO GREEN F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	47,53	0,21/0,29	24,42	0,14/0,36	0,30	PASS
SGG CLIMAPLUS ULTRA N ANTELIO CLEAR 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	40,90	0,27/0,31	31,24	0,32/0,37	0,37	PASS
SGG CLIMAPLUS ULTRA N ANTELIO CLEAR F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	40,90	0,27/0,31	31,24	0,32/0,37	0,37	PASS
SGG CLIMAPLUS ANTELIO BRONZE F2 ULTRA N F3 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,12	38,50	0,28/0,31	27,40	0,27/0,35	0,34	PASS
SGG CLIMAPLUS ULTRA N ANTELIO BRONZE F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	38,50	0,28/0,31	27,40	0,27/0,35	0,34	PASS
SGG CLIMAPLUS N COOL-LITE TB 140 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,19	35,80	0,11/0,24	22,30	0,13/0,31	0,29	PASS
SGG CLIMAPLUS N COOL-LITE TB 140 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,19	35,80	0,11/0,24	22,30	0,13/0,31	0,29	PASS
SGG CLIMAPLUS N COOL-LITE SS 120 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,18	18,00	0,24/0,32	11,50	0,23/0,36	0,17	PASS
SGG CLIMAPLUS N COOL-LITE SS 120 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,19	18,00	0,24/0,32	11,50	0,23/0,36	0,17	PASS
SGG CLIMAPLUS N COOL-LITE SS 432 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,18	23,50	0,11/0,26	11,30	0,08/0,32	0,16	PASS
SGG CLIMAPLUS N COOL-LITE SS 432 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,19	14,00	0,11/0,26	11,30	0,08/0,32	0,17	PASS
SGG CLIMAPLUS N COOL-LITE SR 132 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,19	28,60	0,13/0,26	19,50	0,13/0,31	0,27	PASS
SGG CLIMAPLUS N COOL-LITE SR 132 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,19	28,60	0,13/0,26	19,50	0,13/0,31	0,27	PASS
SGG CLIMAPLUS N COOL-LITE PB 120 N 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,18	17,70	0,21/0,31	11,70	0,19/0,35	0,17	PASS
SGG CLIMAPLUS N COOL-LITE PB 120 N 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,19	17,70	0,21/0,31	11,70	0,19/0,35	0,17	PASS
SGG CLIMAPLUS N COOL-LITE ST 150 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,19	45,20	0,19/0,19	29,60	0,19/0,26	0,38	PASS
SGG CLIMAPLUS COOL-LITE ST150 F2 N F3 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	45,20	0,19/0,19	29,60	0,19/0,26	0,38	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE TB 140 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	36,03	0,11/0,24	23,39	0,14/0,34	0,29	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE TB 140 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	36,03	0,11/0,24	23,39	0,14/0,34	0,29	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS ULTRA N COOL-LITE SS 120 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	18,09	0,24/0,32	12,10	0,24/0,40	0,16	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE SS 120 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	18,09	0,24/0,32	12,10	0,24/0,40	0,17	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE SS 432 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,11	23,50	0,11/0,25	11,40	0,08/0,34	0,17	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE SS 432 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	23,50	0,11/0,25	11,40	0,08/0,34	0,17	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE SR 132 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	28,85	0,14/0,26	20,49	0,15/0,35	0,26	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE SR 132 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	28,85	0,14/0,26	20,49	0,15/0,35	0,26	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE PB 120 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,11	17,70	0,21/0,30	11,90	0,19/0,36	0,17	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE PB 120 N 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	17,70	0,21/0,30	11,90	0,19/0,36	0,17	PASS
SGG CLIMAPLUS COOL-LITE ST150 F2 ULTRA N F3 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	45,42	0,19/0,19	30,23	0,20/0,31	0,36	PASS
SGG CLIMAPLUS ULTRA N COOL-LITE ST 150 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	45,42	0,19/0,19	30,23	0,20/0,31	0,36	PASS
SGG CLIMAPLUS SAFE 44.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/12/6	NPD	NPD	1,76	73,60	0,11/0,11	45,20	0,16/0,20	0,52	PASS
SGG CLIMAPLUS S SAFE 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,87	64,90	0,11/0,10	40,80	0,17/0,16	0,49	PASS
SGG CLIMAPLUS S 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,66	64,30	0,11/0,10	40,90	0,16/0,18	0,48	PASS
SGG CLIMAPLUS PLANITHERM S SAFE 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,9	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS S SAFE SILENCE 6(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,66	64,10	0,11/0,10	39,50	0,16/0,16	0,47	PASS
SGG CLIMALIT COOL-LITE STB120 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,66	15,90	0,21/0,22	10,00	0,20/0,22	0,19	PASS
SGG CLIMAPLUS SECURIT PLANITHERM S COOL-LITE ST420 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/6	NPD	NPD	1,66	13,10	0,16/0,22	6,40	0,11/0,22	0,14	PASS
SGG CLIMAPLUS S COOL-LITE ST150 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,66	37,00	0,19/0,15	23,70	0,19/0,18	0,38	PASS
SGG CLIMAPLUS TOTAL 1.3 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,5	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,5	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	1,8	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	76,70	0,11/0,12	53,70	0,20/0,19	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,58	76,70	0,11/0,12	53,70	0,20/0,19	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/8/4	29(-1;-4)	NPD	2,2	77,39	0,12/0,12	55,29	0,23/0,20	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,8	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS EKO PLUS S SAFE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,65	74,70	0,17/0,16	58,90	0,15/0,14	0,72	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(18air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/18/4	NPD	NPD	1,56	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS SECURIT SAFE N II F3 33.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/16/4	NPD	NPD	1,52	78,40	0,12/0,12	48,90	0,18/0,23	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 SILVIT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(12air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/12/4	NPD	NPD	1,78	75,70	0,11/0,12	49,50	0,16/0,19	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 F3 BARK 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(14air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/14/4	NPD	NPD	1,63	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(16air)33.1mm	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,54	74,60	0,11/0,11	47,00	0,16/0,15	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	2,2	77,39	0,12/0,12	55,29	0,23/0,20	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	4/12/4	29(0;-3)	NPD	1,8	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS FUTUR 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,35	76,70	0,11/0,12	53,70	0,20/0,19	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/16/4	NPD	NPD	1,54	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,3	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 PELERINE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,3	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS EKO PLUS S 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,68	74,70	0,17/0,16	58,90	0,15/0,14	0,72	PASS
SGG CLIMAPLUS TOTAL 1.3 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,6	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,63	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE LEAF 4(18 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/18/6	NPD	NPD	1,56	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/6/4	29(-1;-4)	NPD	2,6	77,39	0,12/0,12	55,29	0,23/0,20	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	29(-1;-4)	NPD	2,6	77,39	0,12/0,12	55,29	0,23/0,20	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	1,77	74,60	0,11/0,11	47,00	0,16/0,15	0,60	PASS
SGG CLIMAPLUS EKO PLUS S 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,65	74,70	0,17/0,16	58,90	0,15/0,14	0,72	PASS
SGG CLIMAPLUS TOTAL 1.3 BARK 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 PROTECT 33.2(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1B1/1C3	40K/200K	7/18/4	NPD	NPD	1,56	75,50	0,11/0,12	48,70	0,15/0,18	0,60	PASS
SGG CLIMAPLUS SECURIT EKO PLUS S 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/200K	4/20/4	NPD	NPD	1,68	74,70	0,17/0,16	58,90	0,15/0,13	0,72	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/18/4	NPD	NPD	1,56	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,54	75,70	0,12/0,11	49,50	0,19/0,16	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 COTSWOLD 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT N II 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,43	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS EKO PLUS S SECURIT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	1,87	74,70	0,17/0,16	58,90	0,15/0,13	0,72	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/10/4	NPD	NPD	2,0	77,39	0,12/0,12	55,29	0,23/0,20	0,65	PASS

CE	Leistungserklärung				FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg													
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	1,78	75,70	0,11/0,12	49,50	0,16/0,19	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS SAFE N ARENA C 33.1(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/200K	6/18/4	NPD	NPD	1,44	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT N II 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
XXX CLIMAPLUS TOTAL 1.3 SECURIT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	1,8	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS SECURIT N II 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	6/16/6	31(-1;-4)	NPD	1,42	77,70	0,12/0,12	49,30	0,20/0,21	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,3	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,5	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS SAFE N II 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/16/6	NPD	NPD	1,19	77,50	0,11/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS SAFE N II 33.1(12 air)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C1	40K/200K	6/12/10	NPD	NPD	1,65	76,70	0,12/0,12	46,00	0,18/0,19	0,58	PASS
SGG CLIMAPLUS EKO PLUS S 33.1(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/200K	6/18/4	NPD	NPD	1,66	73,60	0,17/0,16	53,70	0,13/0,13	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	29(-1;-4)	NPD	1,5	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BIOCLEAN 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	1,78	74,70	0,14/0,13	52,70	0,24/0,20	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/16/6	NPD	NPD	1,54	74,80	0,11/0,11	47,80	0,16/0,14	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 FLEMISH 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS TOTAL 1.3 SECURIT 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,3	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS SECURIT N II 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	1,68	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,35	76,70	0,11/0,12	53,70	0,20/0,19	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,6	77,39	0,12/0,12	55,29	0,20/0,23	0,59	PASS
SGG CLIMAPLUS SAFE N II 33.1(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/18/4	NPD	NPD	1,21	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,5	77,39	0,12/0,12	55,29	0,20/0,23	0,59	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BARK 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BARK 4(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/6/4	29(-1;-4)	NPD	2,56	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N 33.1(12 air)33.1mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,67	77,30	0,12/0,12	46,60	0,18/0,19	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT SILVIT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS TOTAL 1.3 SAFE 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	1,54	74,80	0,11/0,11	47,80	0,18/0,15	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/12/4	29(0;-3)	NPD	1,5	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,4	65,99	0,09/0,11	36,07	0,25/0,28	0,40	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	NPD	NPD	1,96	75,70	0,11/0,12	49,50	0,20/0,15	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/14/4	NPD	NPD	1,35	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE ARENA C 33.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,54	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 TAFFETTA 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS SECURIT N II 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS SECURIT N II 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,19	77,70	0,12/0,12	49,30	0,20/0,21	0,61	PASS
SGG CLIMAPLUS PLANIBEL G 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 ARENA C 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS COOL-LITE KN169 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,3	61,00	0,17/0,11	39,41	0,23/0,23	0,44	PASS
SGG CLIMAPLUS SAFE N 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/14/6	NPD	NPD	1,52	78,40	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 BARK 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/18/6	NPD	NPD	1,34	75,70	0,11/0,12	49,50	0,20/0,15	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 MINSTER 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE EKO PLUS S 33.1(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/18/4	NPD	NPD	1,66	73,60	0,17/0,16	53,70	0,13/0,13	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/16/4	29(-1;-4)	NPD	1,5	77,39	0,12/0,12	55,29	0,20/0,23	0,59	PASS
SGG CLIMAPLUS TOTAL 1.3 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,3	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS SAFE N 33.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	1,34	77,30	0,12/0,12	46,60	0,18/0,19	0,58	PASS
SGG CLIMAPLUS SAFE TOTAL 1.3 ARENA C 33.1(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/18/4	NPD	NPD	1,56	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 F3 SAFE 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/14/6	NPD	NPD	1,63	75,70	0,11/0,12	49,50	0,20/0,15	0,65	PASS
SGG CLIMAPLUS SECURIT N II 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,20	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS EKO PLUS S SECURIT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,65	74,70	0,17/0,16	58,90	0,15/0,14	0,72	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/12/6	NPD	NPD	1,77	14,80	0,11/0,11	47,80	0,16/0,17	0,60	PASS
SGG CLIMAPLUS N 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	33(-1;-4)	NPD	1,4	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 SAFE 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/14/6	NPD	NPD	1,63	75,70	0,12/0,11	45,90	0,19/0,16	0,58	PASS
SGG CLIMAPLUS SECURIT EKO LOGIK 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,74	68,80	0,18/0,16	52,60	0,17/0,15	0,69	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(10 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/6	NPD	NPD	1,62	74,60	0,11/0,11	47,00	0,16/0,15	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/20/4	NPD	NPD	1,58	76,70	0,11/0,11	53,70	0,20/0,20	0,66	PASS
SGG CLIMAPLUS SAFE N 33.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,42	77,30	0,12/0,12	46,60	0,18/0,19	0,58	PASS
SGG CLIMAPLUS SAFE FUTUR II 33.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/16/6	NPD	NPD	1,42	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/14/6	NPD	NPD	1,35	75,70	0,11/0,12	49,50	0,20/0,15	0,65	PASS

CE	Leistungserklärung						FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg											
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(14 argon) 4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,35	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT MINSTER 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	200K/200K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 4(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/6	NPD	NPD	2,21	75,70	0,11/0,12	49,50	0,20/0,15	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/12/6	NPD	NPD	1,78	75,70	0,11/0,12	49,50	0,20/0,15	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BODY TINT GREY 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS PLANIBEL G 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/20/6	NPD	NPD	1,34	75,00	0,11/0,11	49,90	0,18/0,17	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	4/16/6	NPD	NPD	1,54	74,80	0,11/0,11	47,80	0,18/0,15	0,63	PASS
XXX CLIMAPLUS N 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	31(-1;-4)	NPD	1,4	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS SECURIT FUTUR II 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	31(-1;-4)	NPD	1,67	77,70	0,12/0,12	49,30	0,20/0,21	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT ARENA C 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	200K/200K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT TAFFETA 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	200K/200K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS N BODY TINT GREY 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/16/6	NPD	NPD	1,32	74,80	0,11/0,11	47,80	0,16/0,17	0,61	PASS
SGG CLIMAPLUS PROTECT 44.2(16 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/16/9	37(-2;-6)	NPD	1,42	75,20	0,11/0,12	44,80	0,16/0,16	0,55	PASS
SGG CLIMAPLUS TOTAL 1.3 STIPPOLYTE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT N II 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	31(-1;-4)	NPD	1,34	77,70	0,12/0,12	49,30	0,20/0,21	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BIOCLEAN 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,55	74,60	0,14/0,14	52,70	0,22/0,20	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BARK 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N II 33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/14/4	NPD	NPD	1,22	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 BARK 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N COOL-LITE ST150 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	45,80	0,20/0,19	30,60	0,21/0,28	0,35	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BIOCLEAN 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,8	74,13	0,15/0,14	49,51	0,24/0,18	0,62	PASS
SGG CLIMAPLUS TOTAL 1.3 CHARCOAL STICKS 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 6(16 air)6 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS N 4(20 air))4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,46	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BODY TINT BRONZE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C3	200K/200K	4/20/4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,3	77,39	0,12/0,12	55,29	0,20/0,23	0,59	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BODY TINT BRONZE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE BODY TINT BRONZE N 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N BODY TINT GREY 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN165 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,4	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS N 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS FUTUR ARENA C 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS SECURIT N II 10(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2	200K/200K	10/16/6	35(-1;-3)	NPD	1,19	76,90	0,12/0,12	47,90	0,19/0,21	0,59	PASS
XXX CLIMAPLUS TOTAL 1.3 SECURIT 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS SAFE N 4(14 argon)33.1mm	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/14/6	NPD	NPD	1,22	78,40	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BODY TINT BRONZE 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BODY TINT GREY 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT EKO LOGIK 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,70	62,70	0,18/0,16	48,40	0,16/0,14	0,66	PASS
SGG CLIMAPLUS TOTAL 1.3 BODY TINT GREY 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,77	74,80	0,11/0,11	47,80	0,18/0,15	0,62	PASS
SGG CLIMAPLUS SAFE N 33.1(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/18/6	NPD	NPD	1,21	77,30	0,12/0,12	46,60	0,18/0,19	0,54	PASS
SGG CLIMAPLUS SECURIT N II BODY TINT GREY 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N 33.1(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,19	77,30	0,12/0,12	46,60	0,18/0,19	0,54	PASS
SGG CLIMAPLUS TOTAL 1.3 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,8	76,00	0,12/0,12	52,28	0,21/0,19	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BODY TINT GREY 6(12 air)10	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C1	200K/200K	6/12/10	37(-1;-3)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
XXX CLIMAPLUS SAFE N II 33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/14/4	NPD	NPD	1,22	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS N 4(6 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	29(-1;-4)	NPD	2,1	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 PROTECT SILENCE 10(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/9	42(-2;-6)	NPD	1,75	73,00	0,11/0,11	44,10	0,16/0,14	0,55	PASS
SGG CLIMAPLUS TOTAL 1.3 DIGITAL 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 PROTECT 44.4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1B1/1B1	40K/40K	10/12/6	NPD	NPD	1,76	73,30	0,11/0,11	44,00	0,13/0,15	0,56	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,6	77,39	0,12/0,12	55,29	0,20/0,23	0,59	PASS
SGG CLIMAPLUS SAFE N II 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/100K	4/16/4	29(-1;-4)	NPD	2,06	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 AUTUMN 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 BARK 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	4/20/4	NPD	NPD	1,58	NPD	NPD	NPD	NPD	NPD	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
XXX CLIMAPLUS TOTAL 1.3 BARK 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN165 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	31(-1;-4)	NPD	1,6	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 SERALIT EVOLUTION 6(20air)10	NPD	NPD	NPD	NPD	NPD	NPD	(1C0/1C2*)/1(	200K/200K	6/20/10	37(-1;-2)	NPD	1,3	49,12	0,18/0,21	23,28	0,34/0,32	0,27	PASS
SGG CLIMAPLUS TOTAL 1.3 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,8	77,39	0,12/0,12	55,29	0,20/0,23	0,60	PASS
SGG CLIMAPLUS SECURIT N II STIPPOLYTE 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	1,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS EKO PLUS S MAYFLOWER 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	2,76	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 STIPPOLYTE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT PLANIBEL G FLORIELLE 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/20/4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SILENCE 66.1Si(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/24/8	NPD	NPD	1,19	72,90	0,11/0,11	41,90	0,14/0,16	0,53	PASS
SGG CLIMAPLUS TOTAL 1.3 MAYFLOWER 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE STIPPOLYTE COOL-LITE KN 469 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	6/16/6	31(-1;-4)	NPD	1,54	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 COTSWOLD 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,6	77,39	0,12/0,12	55,29	0,23/0,20	0,66	PASS
SGG CLIMAPLUS SAFE N COTSWOLD 6(20 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	6/20/6	NPD	NPD	1,45	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE PROTECT SILENCE 10(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C1/1B1	40K/40K	10/12/9	42(-2;-6)	NPD	1,45	73,00	0,11/0,11	44,10	0,16/0,14	0,55	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT 6(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C3	200K/200K	6/18/4	NPD	NPD	1,6	76,69	0,12/0,12	53,74	0,21/0,20	0,64	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT N II 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/20/4	NPD	NPD	1,46	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BARK 4(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	4/14/6	NPD	NPD	1,35	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS EKO PLUS S ARENA C 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,65	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT OAK 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/16/6	NPD	NPD	1,43	78,30	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 33.1(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	6/12/4	NPD	NPD	1,47	75,70	0,11/0,12	49,50	0,16/0,19	0,61	PASS
SGG CLIMAPLUS SAFE TOTAL 1.3 BODY TINT GREY 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 COTSWOLD 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,55	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT N II 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/14/6	31(-1;-4)	NPD	1,22	77,70	0,12/0,12	49,30	0,20/0,21	0,61	PASS
SGG CLIMAPLUS ULTRA N CHINCHILLA 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,12	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN154 6(15argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,0	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(16 argon)6mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,1	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(16 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/7	NPD	NPD	1,1	59,65	0,16/0,17	28,13	0,32/0,31	0,33	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN165 8(15 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/13	NPD	NPD	1,1	57,55	0,16/0,16	26,49	0,29/0,24	0,32	PASS
SGG CLIMAPLUS PROTECT ULTRA N COOL-LITE SS120 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,27	17,40	0,24/0,30	10,30	0,23/0,28	0,17	PASS
SGG CLIMAPLUS ULTRA N ANTELIO CLEAR 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,12	40,50	0,27/0,30	30,00	0,29/0,35	0,37	PASS
SGG CLIMAPLUS PROTECT ULTRA N ANTELIO CLEAR 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,38	39,30	0,27/0,29	26,30	0,29/0,26	0,37	PASS
SGG CLIMAPLUS ULTRA N F3 ARENA C 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,12	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,1	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS BIOCLEAN PROTECT ULTRA N 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/15/9	NPD	NPD	1,1	75,57	0,15/0,14	47,28	0,27/0,20	0,60	PASS
SGG CLIMAPLUS BIOCLEAN ULTRA N 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	76,71	0,15/0,14	51,16	0,26/0,28	0,59	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,1	76,71	0,15/0,14	51,16	0,26/0,28	0,59	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,3	76,02	0,15/0,14	49,82	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	76,02	0,15/0,14	49,82	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,1	76,02	0,15/0,14	49,82	0,26/0,26	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N BIOCLEAN 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	74,88	0,15/0,14	46,10	0,25/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N 10(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/12/6	35(-1;-3)	NPD	1,3	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N F3 10(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	1,1	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N 4(8 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	1,7	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 4(9 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/9/4	29(-1;-4)	NPD	1,56	79,50	0,12/0,11	53,50	0,24/0,25	0,62	PASS
SGG CLIMAPLUS ULTRA N 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,2	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,5	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N F3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N 5(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 5(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/14/4	NPD	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 5(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N SWS 5(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 5(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	1,4	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 5(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/16/4	NPD	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 5(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/5	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,26/0,25	0,62	PASS
SGG CLIMAPLUS ULTRA N F3 5(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/6	NPD	NPD	1,3	78,77	0,12/0,12	52,52	0,26/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N F3 5(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/14/6	NPD	NPD	1,1	78,77	0,12/0,12	52,52	0,26/0,24	0,62	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS ULTRA N F3 5(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/6	NPD	NPD	1,1	78,77	0,12/0,12	52,52	0,26/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N F3 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,4	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,3	78,77	0,12/0,12	52,52	0,25/0,25	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,1	78,77	0,12/0,12	52,52	0,25/0,25	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,3	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N F3 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,6	78,42	0,12/0,12	51,83	0,25/0,24	0,60	PASS
SGG CLIMAPLUS ULTRA N 6(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	31(-1;-4)	NPD	1,5	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N F3 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,4	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N 8(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,3	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/5	NPD	NPD	1,1	78,06	0,12/0,12	51,16	0,23/0,25	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(9 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/9/6	35(-2;-6)	NPD	1,54	76,80	0,11/0,11	48,20	0,19/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N 8(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/6	35(-2;-6)	NPD	1,3	77,71	0,12/0,12	50,50	0,23/0,24	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	34(-1;-3)	NPD	1,1	77,71	0,12/0,12	50,50	0,23/0,24	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/8	NPD	NPD	1,3	77,01	0,12/0,12	49,23	0,23/0,22	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/8	NPD	NPD	1,1	77,01	0,12/0,12	49,23	0,23/0,22	0,59	PASS
SGG CLIMAPLUS 4S 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,2	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS 4S 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,1	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS 4S 4(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/5	NPD	NPD	1,1	70,78	0,12/0,13	38,76	0,33/0,33	0,42	PASS
SGG CLIMAPLUS 4S 4(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/6	32(-1;-4)	NPD	1,1	70,46	0,12/0,13	38,39	0,33/0,31	0,42	PASS
SGG CLIMAPLUS SAFE 4S 4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,1	70,25	0,12/0,13	36,81	0,33/0,28	0,42	PASS
SGG CLIMAPLUS 4S 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	37(-1;-3)	NPD	1,3	68,57	0,12/0,13	36,18	0,30/0,26	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS 4S 6(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,3	70,14	0,12/0,13	38,02	0,30/0,33	0,41	PASS
SGG CLIMAPLUS 4S ACOUSTIC 6(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,1	70,14	0,12/0,13	38,02	0,30/0,33	0,41	PASS
SGG CLIMAPLUS 4S 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,3	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS 4S 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS 4S ACOUSTIC 6(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/8	34(-1;-3)	NPD	1,3	69,20	0,12/0,13	36,97	0,30/0,29	0,41	PASS
SGG CLIMAPLUS 4S ACOUSTIC 6(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	34(-1;-3)	NPD	1,1	69,20	0,12/0,13	36,97	0,30/0,29	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/8	NPD	NPD	1,1	69,20	0,12/0,13	36,97	0,30/0,29	0,41	PASS
SGG CLIMAPLUS PROTECT 4S 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,1	69,41	0,12/0,13	35,70	0,30/0,27	0,41	PASS
SGG CLIMAPLUS PROTECT 4S 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,3	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
SGG CLIMAPLUS PROTECT 4S 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
SGG CLIMAPLUS PROTECT 4S 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	39(-1;-5)	NPD	1,1	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N PROTECT 4(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/12/7	NPD	NPD	1,3	78,66	0,12/0,12	50,23	0,26/0,21	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/15/7	NPD	NPD	1,1	78,66	0,12/0,12	50,23	0,26/0,21	0,58	PASS
SGG CLIMAPLUS ULTRA N PROTECT 4(8 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/8/9	NPD	NPD	1,7	77,95	0,12/0,12	48,96	0,26/0,19	0,57	PASS
SGG CLIMAPLUS ULTRA N PROTECT 4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/12/9	NPD	NPD	1,3	77,95	0,12/0,12	48,96	0,26/0,19	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/15/9	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,26/0,19	0,58	PASS
SGG CLIMAPLUS ULTRA N SAFE 6(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,3	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 6(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/6	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,3	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,12	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ULTRA N F3 SAFE 33.1(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/15/6	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,22/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 33.1(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/15/6	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,22/0,22	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/12/4	NPD	NPD	1,3	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,1	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(15 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/15/4	36(-1;-5)	NPD	1,1	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(12 argon)6	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/12/6	NPD	NPD	1,3	77,95	0,12/0,12	48,96	0,21/0,24	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/15/7	NPD	NPD	1,1	77,49	0,12/0,12	47,87	0,20/0,20	0,57	PASS

CE	Leistungserklärung	FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg	Glaswerk GmbH
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken	System zur Bewertung der Leistungsbeständigkeit : 3	

Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT ULTRA N 44.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,3	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	9/14/4	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(12 argon)6	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	9/12/6	NPD	NPD	1,3	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(15 argon)6	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	9/15/6	NPD	NPD	1,1	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.4(12 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/12/4	NPD	NPD	1,3	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.4(15 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/15/4	NPD	NPD	1,1	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N 55.2(12 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	11/12/6	NPD	NPD	1,3	76,56	0,12/0,12	46,60	0,18/0,24	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N 66.2(15 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	13/15/8	NPD	NPD	1,1	75,19	0,11/0,12	44,44	0,16/0,22	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N SILENCE 44.2Si(12 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/6	NPD	NPD	1,3	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N SILENCE 44.2Si(15 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/15/6	NPD	NPD	1,1	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS ULTRA N 5(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,62	79,10	0,12/0,11	52,60	0,23/0,24	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	1,6	77,95	0,12/0,12	48,96	0,22/0,22	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	1,3	77,95	0,12/0,12	48,96	0,22/0,22	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/15/6	NPD	NPD	1,4	77,95	0,12/0,12	48,96	0,22/0,22	0,58	PASS
XXX CLIMAPLUS ULTRA N ACOUSTIC 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	70,46	0,12/0,13	38,39	0,30/0,34	0,42	PASS
SGG CLIMAPLUS 4S 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,4	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS ULTRA N F3 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,6	78,77	0,12/0,12	52,52	0,25/0,25	0,61	PASS
SGG CLIMAPLUS ULTRA N F3 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,4	78,77	0,12/0,12	52,52	0,25/0,25	0,61	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	60,55	0,16/0,17	30,26	0,32/0,39	0,34	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	60,55	0,16/0,17	30,26	0,32/0,39	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,4	60,55	0,16/0,17	30,26	0,32/0,39	0,33	PASS
SGG CLIMAPLUS ACOUSTIC BIOCLEAN ULTRA N F3 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	76,71	0,15/0,14	51,16	0,26/0,28	0,58	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN ACOUSTIC 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,4	76,71	0,15/0,14	51,16	0,26/0,28	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	1,6	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	1,3	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/4	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(12 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/12/9	NPD	NPD	1,6	76,10	0,12/0,12	45,59	0,19/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/12/9	NPD	NPD	1,3	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,4	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,1	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS ULTRA N 8(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/6	35(-2;-6)	NPD	1,6	77,71	0,12/0,12	50,50	0,23/0,24	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	34(-1;-3)	NPD	1,4	77,71	0,12/0,12	50,50	0,23/0,24	0,59	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/5	NPD	NPD	1,60	77,90	0,12/0,11	48,70	0,19/0,23	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/5	NPD	NPD	1,28	77,90	0,12/0,11	48,70	0,19/0,23	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/5	NPD	NPD	1,39	77,90	0,12/0,11	48,70	0,19/0,23	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/15/5	NPD	NPD	1,12	77,90	0,12/0,11	48,70	0,19/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,6	59,12	0,16/0,17	27,70	0,32/0,28	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/12/7	NPD	NPD	1,3	59,65	0,16/0,17	28,13	0,32/0,31	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,4	59,12	0,16/0,17	27,70	0,32/0,28	0,33	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(12 air)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/12/7	NPD	NPD	1,6	77,49	0,12/0,12	47,87	0,20/0,20	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/12/7	NPD	NPD	1,3	77,49	0,12/0,12	47,87	0,20/0,20	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(15 air)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/15/7	NPD	NPD	1,4	77,49	0,12/0,12	47,87	0,20/0,20	0,57	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,5	50,46	0,18/0,22	24,44	0,34/0,42	0,28	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,2	50,46	0,18/0,22	24,44	0,34/0,42	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,3	50,46	0,18/0,22	24,44	0,34/0,42	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 165 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,6	60,28	0,16/0,17	30,01	0,32/0,38	0,34	PASS
SGG CLIMAPLUS COOL-LITE SKN 165 6(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,3	60,28	0,16/0,17	30,01	0,32/0,38	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN 165 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,4	60,28	0,16/0,17	30,01	0,32/0,38	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN 165 6(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,1	60,28	0,16/0,17	30,01	0,32/0,38	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 165 6(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,6	58,59	0,16/0,16	27,28	0,32/0,26	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 165 6(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,3	58,59	0,16/0,16	27,28	0,32/0,26	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 165 6(15 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,4	58,59	0,16/0,16	27,28	0,32/0,26	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 165 6(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,1	58,59	0,16/0,16	27,28	0,32/0,26	0,33	PASS
SGG CLIMAPLUS ULTRA N 10(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/12/6	35(-1;-3)	NPD	1,6	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N 10(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	1,4	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	66,58	0,09/0,11	36,80	0,25/0,31	0,41	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(12 argon)4 mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken**											**System zur Bewertung der Leistungsbeständigkeit : 3**						
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS COOL-LITE SKN172 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,4	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS PROTECT 4S 6(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,6	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
XXX CLIMAPLUS PROTECT 4S 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,3	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
SGG CLIMAPLUS PROTECT 4S 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,4	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
XXX CLIMAPLUS PROTECT 4S 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(12 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/12/6	NPD	NPD	1,6	77,02	0,12/0,12	47,19	0,19/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/12/6	NPD	NPD	1,3	77,02	0,12/0,12	47,19	0,19/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(15 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,4	77,02	0,12/0,12	47,19	0,19/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,1	77,02	0,12/0,12	47,19	0,19/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 44.2(12 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/12/6	NPD	NPD	1,60	58,40	0,15/0,17	27,70	0,24/0,29	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 44.2(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/12/6	NPD	NPD	1,27	58,40	0,15/0,17	27,70	0,24/0,29	0,32	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 44.2(15 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,38	58,40	0,15/0,17	27,70	0,24/0,29	0,32	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 44.2(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,11	58,40	0,15/0,17	27,70	0,24/0,29	0,32	PASS
SGG CLIMAPLUS SAFE ULTRA N 5(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/12/6	NPD	NPD	1,60	77,90	0,12/0,11	48,70	0,23/0,20	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N 5(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/12/6	NPD	NPD	1,28	77,90	0,12/0,11	48,70	0,23/0,20	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N 5(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/15/6	NPD	NPD	1,39	77,90	0,12/0,11	48,70	0,23/0,20	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N 5(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/15/6	NPD	NPD	1,12	77,90	0,12/0,11	48,70	0,23/0,20	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(12 air)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/6	NPD	NPD	1,6	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.2(15 air)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD/NPD	40K/40K	9/15/6	NPD	NPD	1,4	77,25	0,12/0,12	47,75	0,19/0,24	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 66.2(12 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/12/9	NPD	NPD	1,6	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N 66.2(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/12/9	NPD	NPD	1,3	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N 66.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,4	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS ULTRA N 10(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/12/8	NPD	NPD	1,6	76,30	0,12/0,12	47,69	0,20/0,22	0,57	PASS
SGG CLIMAPLUS ULTRA N 10(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/12/8	NPD	NPD	1,3	76,30	0,12/0,12	47,69	0,20/0,22	0,57	PASS
SGG CLIMAPLUS ULTRA N 10(15 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/8	NPD	NPD	1,4	76,30	0,12/0,12	47,69	0,20/0,22	0,57	PASS
SGG CLIMAPLUS ULTRA N 10(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/8	NPD	NPD	1,1	76,30	0,12/0,12	47,69	0,20/0,22	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,6	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,3	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,4	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS 4S PROTECT 44.2(12 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/12/6	NPD	NPD	1,60	68,10	0,12/0,13	34,40	0,22/0,26	0,40	PASS
SGG CLIMAPLUS 4S PROTECT 44.2(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/12/6	NPD	NPD	1,27	68,10	0,12/0,13	34,40	0,22/0,26	0,39	PASS
SGG CLIMAPLUS 4S PROTECT 44.2(15 air)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,38	68,10	0,12/0,13	34,40	0,22/0,26	0,39	PASS
SGG CLIMAPLUS 4S PROTECT 44.2(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,11	68,10	0,12/0,13	34,40	0,22/0,26	0,39	PASS
SGG CLIMAPLUS ULTRA N F2 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,6	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N F2 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,1	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(12 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	38(0;-3)	NPD	1,6	75,87	0,12/0,12	45,50	0,24/0,16	0,59	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	38(0;-3)	NPD	1,3	75,87	0,12/0,12	45,50	0,24/0,16	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(15 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,4	75,87	0,12/0,12	45,50	0,24/0,16	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,1	75,87	0,12/0,12	45,50	0,24/0,16	0,60	PASS
SGG CLIMAPLUS ULTRA N 8(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/5	NPD	NPD	1,6	78,06	0,12/0,12	51,16	0,23/0,25	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/5	NPD	NPD	1,3	78,06	0,12/0,12	51,16	0,23/0,25	0,59	PASS
SGG CLIMAPLUS ULTRA N 8(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/5	NPD	NPD	1,4	78,06	0,12/0,12	51,16	0,23/0,25	0,59	PASS
SGG CLIMAPLUS SAFE ULTRA N 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	4/12/6	NPD	NPD	1,6	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS SAFE ULTRA N 4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	4/12/6	NPD	NPD	1,3	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS SAFE ULTRA N 4(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS SAFE ULTRA N 4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,6	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,3	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,4	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS PROTECT ULTRA N 5(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	5/12/9	NPD	NPD	1,60	76,80	0,12/0,11	46,40	0,23/0,17	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N 5(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	5/12/9	NPD	NPD	1,27	76,80	0,12/0,11	46,40	0,23/0,17	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N 5(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	5/15/9	NPD	NPD	1,39	76,80	0,12/0,11	46,40	0,23/0,17	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N 5(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	5/15/9	NPD	NPD	1,11	76,80	0,12/0,11	46,40	0,23/0,17	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,6	76,56	0,12/0,12	46,60	0,24/0,18	0,56	PASS

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Leistungserklärung

FGT Glaswerk GmbH
Industriepark Kleinkoschen, D-01968 Senftenberg

EN 1279-5:2005+A2:2010

Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken **System zur Bewertung der Leistungsbeständigkeit : 3**

Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT ULTRA N 6(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,3	76,56	0,12/0,12	46,60	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(15 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,1	76,56	0,12/0,12	46,60	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(12 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/12/4	NPD	NPD	1,6	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(15 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/15/4	36(-1;-5)	NPD	1,4	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,4	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
XXX CLIMAPLUS PROTECT ULTRA N F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/12/7	NPD	NPD	1,6	59,65	0,16/0,17	28,13	0,32/0,31	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(15 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,4	59,65	0,16/0,17	28,13	0,32/0,31	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,1	59,65	0,16/0,17	28,13	0,32/0,31	0,33	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	32(0;-3)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	32(0;-3)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,4	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
XXX CLIMAPLUS ULTRA N SILENCE BIOCLEAN 33.1Si(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,1	75,79	0,15/0,14	47,97	0,23/0,25	0,56	PASS
SGG CLIMAPLUS ULTRA N 33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/14/4	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/4	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/16/4	NPD	NPD	1,1	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS ULTRA N ANTELIO SILVER 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,15	59,00	0,33/0,28	39,90	0,36/0,34	0,47	PASS
SGG CLIMAPLUS ULTRA N ANTELIO SILVER F1 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	59,00	0,33/0,28	39,90	0,36/0,34	0,47	PASS
SGG CLIMAPLUS ULTRA N ANTELIO GREEN F1 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,15	58,00	0,32/0,26	40,90	0,37/0,33	0,48	PASS
SGG CLIMAPLUS ULTRA N ANTELIO GREEN F1 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	58,00	0,32/0,26	40,90	0,37/0,33	0,48	PASS
SGG CLIMAPLUS ULTRA N ANTELIO CLEAR 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,15	40,40	0,33/0,25	29,60	0,35/0,32	0,36	PASS
SGG CLIMAPLUS ULTRA N ANTELIO CLEAR F1 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,12	40,40	0,33/0,25	29,60	0,35/0,32	0,36	PASS
SGG CLIMAPLUS ULTRA N ANTELIO BRONZE 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,15	38,40	0,33/0,26	27,00	0,34/0,32	0,33	PASS
SGG CLIMAPLUS ULTRA N ANTELIO BRONZE F1 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	0,12	38,40	0,33/0,26	27,00	0,34/0,32	0,33	PASS
SGG CLIMAPLUS ULTRA N PARSOL BRONZE 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	43,50	0,07/0,10	30,73	0,13/0,25	0,37	PASS
SGG CLIMAPLUS ULTRA N F3 PARSOL BRONZE 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,1	43,50	0,07/0,10	30,73	0,13/0,25	0,37	PASS
SGG CLIMAPLUS COOL-LITE SKN 172 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,2	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS N ACOUSTIC 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,4	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS N SWS V 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,4	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N SWS V 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N SWS 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,4	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N SWS 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS SAFE N 33.1(24 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/24/6	NPD	NPD	1,47	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS SAFE N 33.1(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/24/6	NPD	NPD	1,24	77,50	0,12/0,12	47,30	0,18/0,21	0,58	PASS
SGG CLIMAPLUS SAFE N 44.1(24 air)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/4	NPD	NPD	1,47	77,50	0,12/0,12	47,30	0,17/0,23	0,57	PASS
SGG CLIMAPLUS SAFE N 44.1(24 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/10	NPD	NPD	1,23	75,80	0,11/0,12	44,60	0,17/0,19	0,56	PASS
SGG CLIMAPLUS N 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,4	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N SWS 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N 6(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,48	78,60	0,12/0,12	0,51	0,21/0,23	0,61	PASS
SGG CLIMAPLUS N SWS 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,24	78,60	0,12/0,12	51,00	0,21/0,23	0,61	PASS
SGG CLIMAPLUS PROTECT N 33.2(14 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,52	78,20	0,12/0,12	48,20	0,17/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N SWS 33.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,22	78,10	0,12/0,12	48,20	0,18/0,23	0,58	PASS
SGG CLIMAPLUS N SWS V 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS N SWS V 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS N 8(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/4	NPD	NPD	1,47	77,70	0,12/0,12	49,30	0,19/0,23	0,59	PASS
SGG CLIMAPLUS N 8(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/4	NPD	NPD	1,24	77,70	0,12/0,12	49,30	0,19/0,23	0,59	PASS
SGG CLIMAPLUS SAFE N 44.1(24 air)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/8	NPD	NPD	1,47	75,70	0,11/0,12	44,40	0,17/0,19	0,56	PASS
SGG CLIMAPLUS SAFE N 44.1(24 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/24/8	NPD	NPD	1,23	75,70	0,11/0,11	44,40	0,17/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT N 33.2(16 air)6	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/16/8	NPD	NPD	1,42	76,40	0,12/0,12	45,10	0,17/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT N 33.2(16 argon)6	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/16/8	NPD	NPD	1,19	76,40	0,12/0,12	45,10	0,17/0,19	0,57	PASS
SGG CLIMAPLUS N SWS 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,5	79,84	0,12/0,12	55,99	0,26/0,24	0,65	PASS
SGG CLIMAPLUS N SWS 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N 8(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,4	78,05	0,12/0,12	52,26	0,21/0,24	0,61	PASS

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Leistungserklärung

FGT Glaswerk GmbH
Industriepark Kleinkoschen, D-01968 Senftenberg

Glaswerk GmbH

EN 1279-5:2005+A2:2010

Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken **System zur Bewertung der Leistungsbeständigkeit : 3**

Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS N ACOUSTIC SWS 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,2	78,05	0,12/0,12	52,26	0,21/0,24	0,61	PASS
SGG CLIMAPLUS N 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,46	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS N F3 SWS 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N PROTECT 66.2(24 air)44.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	13/24/8	NPD	NPD	1,46	73,60	0,11/0,11	40,80	0,13/0,17	0,52	PASS
SGG CLIMAPLUS PROTECT N 66.2(24 argon)44.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	13/24/8	NPD	NPD	1,22	73,60	0,11/0,11	40,80	0,13/0,17	0,52	PASS
SGG CLIMAPLUS N KURA 4(16 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N KURA 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT N 33.2(14 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,52	78,20	0,12/0,12	48,20	0,17/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 33.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,22	78,10	0,12/0,12	48,20	0,18/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 44.2(16 air)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/6	NPD	NPD	1,42	76,40	0,11/0,12	45,10	0,16/0,21	0,56	PASS
SGG CLIMAPLUS PROTECT N 44.2(16 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/6	NPD	NPD	1,19	76,40	0,11/0,12	45,10	0,16/0,21	0,56	PASS
SGG CLIMAPLUS N KURA 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N KURA SWS 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N 6(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,4	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS N SWS 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS N SWS 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,4	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS N SWS 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS PROTECT N 33.2(18 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/18/4	NPD	NPD	1,14	78,20	0,12/0,12	48,20	0,17/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 33.2(18 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/18/4	NPD	NPD	1,21	78,20	0,12/0,12	48,20	0,17/0,23	0,58	PASS
SGG CLIMAPLUS N SAFE 33.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,52	78,40	0,12/0,12	48,90	0,18/0,23	0,58	PASS
SGG CLIMAPLUS N SAFE 33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,22	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS N SWS V 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,4	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS N SWS V 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS 4S 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,4	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS PROTECT N 66.2(14 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	13/14/4	NPD	NPD	1,61	75,50	0,11/0,12	43,80	0,13/0,23	0,53	PASS
SGG CLIMAPLUS PROTECT N 66.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	13/14/4	NPD	NPD	1,21	73,60	0,11/0,11	40,80	0,13/0,17	0,52	PASS
SGG CLIMAPLUS N KURA 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N KURA SWS V 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT N 66.2(16 air)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	13/16/10	41(-1;-4)	NPD	1,40	73,90	0,11/0,12	41,40	0,13/0,19	0,52	PASS
SGG CLIMAPLUS PROTECT N 66.2(16 argon)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	13/16/10	41(-1;-4)	NPD	1,18	73,80	0,11/0,12	41,30	0,13/0,19	0,52	PASS
SGG CLIMAPLUS N SWS 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS N SWS 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS N SAFE 33.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,52	78,40	0,12/0,12	48,90	0,18/0,23	0,58	PASS
SGG CLIMAPLUS N SAFE SWS 33.1(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,22	78,40	0,12/0,12	48,90	0,18/0,23	0,59	PASS
SGG CLIMAPLUS PROTECT N 33.2(16 air)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/16/4	NPD	NPD	1,42	78,20	0,12/0,12	48,20	0,17/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 33.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/16/4	NPD	NPD	1,20	78,20	0,12/0,12	48,20	0,17/0,23	0,58	PASS
SGG CLIMAPLUS SAFE N 4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/15/6	NPD	NPD	1,19	78,40	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS ULTRA N SAFE 4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/15/6	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS COOL-LITE SKN 172 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,2	67,18	0,09/0,11	37,55	0,27/0,31	0,41	PASS
SGG CLIMAPLUS N F2 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,19	77,70	0,12/0,12	49,30	0,21/0,21	0,56	PASS
SGG CLIMAPLUS ULTRA N F2 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,24/0,25	0,57	PASS
SGG CLIMAPLUS SAFE N F3 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/15/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS SAFE ULTRA N 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	4/15/4	29(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS N F3 SWS V 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N SWS V 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
XXX CLIMAPLUS N ACOUSTIC SWS 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,2	78,05	0,12/0,12	52,26	0,21/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC SWS 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,1	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS ULTRA N SWS 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N SWS 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/15/9	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,26/0,19	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 6(10 krypton)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/5	NPD	NPD	1,0	78,77	0,12/0,12	52,52	0,25/0,25	0,61	PASS
SGG CLIMAPLUS PROTECT N 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/15/9	NPD	NPD	1,2	77,58	0,12/0,12	49,16	0,23/0,18	0,58	PASS
SGG CLIMAPLUS N ACOUSTIC 8(16 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,17	77,70	0,12/0,12	49,30	0,19/0,23	0,59	PASS
SGG CLIMAPLUS N 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS ULTRA N F3 6(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS N ACOUSTIC 10(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/14/4	35(-2;-5)	NPD	1,2	77,33	0,12/0,12	50,51	0,19/0,24	0,59	PASS
SGG CLIMAPLUS N ACOUSTIC 10(14 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/14/4	35(-2;-5)	NPD	1,15	77,80	0,12/0,12	49,50	0,19/0,23	0,60	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 10(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/6	35(-1;-3)	NPD	1,1	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS N 5(18 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/18/5	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,24/0,23	0,63	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken**											**System zur Bewertung der Leistungsbeständigkeit : 3**						
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS ULTRA N SWS 4(20 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N F3 SWS 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 SWS 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,1	77,95	0,12/0,12	48,96	0,26/0,19	0,58	PASS
SGG CLIMAPLUS N SWS V 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS COOL-LITE SKN165 8(22 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/22/8	NPD	NPD	1,15	58,10	0,15/0,16	28,20	0,27/0,29	0,33	PASS
SGG CLIMAPLUS ULTRA N 5(18 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/18/5	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,26/0,25	0,62	PASS
SGG CLIMAPLUS PROTECT N 4(14 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	4/14/10	NPD	NPD	1,2	77,12	0,12/0,12	48,02	0,23/0,17	0,58	PASS
SGG CLIMAPLUS N SWS V 4(22 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/22/4	NPD	NPD	1,23	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/10/4	NPD	NPD	1,0	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG CLIMAPLUS ULTRA N F3 4(16 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N 4(14 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,08	79,50	0,12/0,11	53,50	0,24/0,25	0,63	PASS
SGG CLIMAPLUS ULTRA N 4(22 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/22/4	NPD	NPD	1,16	79,50	0,12/0,11	53,50	0,24/0,25	0,63	PASS
SGG CLIMAPLUS ULTRA F3 N 6(16 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS ULTRA N F2 6(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,24/0,25	0,57	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 10(20 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/20/8	45(-1;-5)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	39(-1;-5)	NPD	1,1	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS ULTRA N 5(18 krypton)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/18/5	NPD	NPD	1,11	78,60	0,12/0,11	51,60	0,23/0,23	0,61	PASS
SGG CLIMAPLUS PROTECT N 4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/14/9	NPD	NPD	1,2	77,58	0,12/0,12	49,16	0,23/0,18	0,58	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC 10(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/14/4	35(-2;-5)	NPD	1,1	77,69	0,12/0,12	50,13	0,20/0,26	0,58	PASS
SGG CLIMAPLUS N II 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/16/6	31(-1;-4)	NPD	1,19	77,70	0,12/0,12	49,30	0,20/0,21	0,61	PASS
SGG CLIMAPLUS 4S 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,1	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS ULTRA N SWS 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,1	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS PROTECT N SWS V 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,2	77,58	0,12/0,12	49,16	0,23/0,18	0,58	PASS
SGG CLIMAPLUS ULTRA N ACOUSTIC SWS 10(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	35(-2;-5)	NPD	1,1	77,69	0,12/0,12	50,13	0,20/0,26	0,58	PASS
XXX CLIMAPLUS N F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N F2 4(16 argon)4 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N 4(16 argon)4 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,23	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,68	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,37	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 4(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/12/9	NPD	NPD	1,7	77,58	0,12/0,12	49,16	0,23/0,18	0,58	PASS
SGG CLIMAPLUS N 4(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,24	78,60	0,12/0,12	51,00	0,23/0,21	0,57	PASS
SGG CLIMAPLUS ACOUSTIC N F2 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,52	78,60	0,12/0,12	51,00	0,23/0,21	0,57	PASS
SGG CLIMAPLUS N F2 ARENA C F4 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N ACOUSTIC 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	29(-1;-4)	NPD	1,85	77,80	0,12/0,12	27,80	0,23/0,19	0,57	PASS
SGG CLIMAPLUS N F2 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,52	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N ACOUSTIC 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,24	78,60	0,12/0,12	51,00	0,21/0,23	0,61	PASS
SGG CLIMAPLUS N F2 4(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/6	NPD	NPD	1,23	78,60	0,12/0,12	51,00	0,23/0,21	0,57	PASS
SGG CLIMAPLUS PROTECT N 33.2(10 air)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/10/7	NPD	NPD	1,86	77,00	0,12/0,12	45,60	0,17/0,18	0,57	PASS
SGG CLIMAPLUS PROTECT N 4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/12/9	29(0;-3)	NPD	1,36	77,30	0,12/0,12	46,60	0,23/0,16	0,57	PASS
SGG CLIMAPLUS N ACOUTIC 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS PROTECT N 4(10 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	40K/40K	4/10/9	NPD	NPD	1,9	77,58	0,12/0,12	49,16	0,23/0,18	0,58	PASS
SGG CLIMAPLUS PROTECT N 4(10 air)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	4/10/10	NPD	NPD	1,86	76,70	0,12/0,11	44,80	0,23/0,14	0,56	PASS
SGG CLIMAPLUS N 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	29(-1;-4)	NPD	1,52	77,80	0,12/0,12	49,50	0,23/0,19	0,57	PASS
SGG CLIMAPLUS N F2 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 44.2(12 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,67	77,30	0,12/0,12	46,60	0,16/0,23	0,56	PASS
SGG CLIMAPLUS N (4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,23	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 44.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,36	77,30	0,12/0,12	46,60	0,16/0,23	0,56	PASS
SGG CLIMAPLUS ARENA C 4S 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,37	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,46	79,60	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 4(10 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	4/10/10	NPD	NPD	1,53	76,70	0,12/0,11	44,80	0,23/0,14	0,56	PASS
SGG CLIMAPLUS PROTECT N 4(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,4	77,58	0,12/0,12	49,16	0,23/0,18	0,58	PASS
SGG CLIMAPLUS PROTECT N 44.2(6 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/6/9	NPD	NPD	2,45	75,20	0,12/0,11	42,80	0,16/0,16	0,52	PASS
SGG CLIMAPLUS N 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,67	77,70	0,12/0,12	49,30	0,21/0,20	0,56	PASS
SGG CLIMAPLUS N ACOUSTIC 10(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/10/4	36(-1;-4)	NPD	1,52	77,80	0,12/0,12	49,50	0,19/0,23	0,54	PASS
SGG CLIMAPLUS PROTECT N 44.2(8 air)33.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/8/7	NPD	NPD	2,11	76,10	0,12/0,12	44,20	0,16/0,17	0,52	PASS
SGG CLIMAPLUS N ACOUSTIC 10(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/10/4	36(-1;-4)	NPD	1,8	77,33	0,12/0,12	50,51	0,19/0,24	0,59	PASS
SGG CLIMAPLUS N F2 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,24	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS N ARENA C 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,22	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,87	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,45	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N ACOUSTIC 4(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	1,36	77,70	0,12/0,12	49,30	0,23/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT N 4(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/10/9	NPD	NPD	1,53	77,30	0,12/0,12	46,60	0,23/0,16	0,57	PASS
SGG CLIMAPLUS N F3 ARENA C F1 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT N 44.2(12 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/12/9	NPD	NPD	1,65	75,20	0,12/0,11	42,80	0,16/0,16	0,51	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BODY TINT GREEN 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BODY TINT GREEN 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BODY TINT GREEN 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	6/16/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE BODY TINT GREEN 6 (12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	200K/40K	6/12/6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N PARSOL GREEN 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,13	69,80	0,10/0,10	38,10	0,11/0,24	0,45	PASS
SGG CLIMAPLUS ULTRA N PARSOL GREEN 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,15	64,70	0,09/0,10	32,40	0,08/0,24	0,39	PASS
SGG CLIMAPLUS TOTAL 1.3 SECURIT BODY TINT GREY 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N F2 4(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,24	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS ULTRA N 4(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,2	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS N 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,7	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N BIOCLEAN 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,68	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
SGG CLIMAPLUS COOL-LITE SKN172 4(12 argon)4mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	67,18	0,09/0,11	37,55	0,27/0,31	0,41	PASS
SGG CLIMAPLUS N BIOCLEAN 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,46	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
SGG CLIMAPLUS N 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,4	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(12 argon)6mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,3	65,99	0,09/0,11	36,07	0,25/0,28	0,40	PASS
SGG CLIMAPLUS N F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N BIOCLEAN 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,35	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
XXX CLIMAPLUS COOL-LITE SKN172 6(12 argon)4 mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
XXX CLIMAPLUS COOL-LITE SKN172 6(15 argon)4 mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,2	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS N 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS FUTUR 6(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/8	38(-1;-4)	NPD	1,34	76,60	0,12/0,12	45,80	0,20/0,17	0,61	PASS
SGG CLIMAPLUS FUTUR 6(15 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/15/8	NPD	NPD	1,18	76,60	0,12/0,12	45,80	0,20/0,17	0,61	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN172 F2 44.1(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	8/12/4	NPD	NPD	1,3	65,79	0,09/0,11	35,02	0,21/0,31	0,38	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN172 F2 44.1(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C3	40K/200K	8/15/4	NPD	NPD	1,4	65,79	0,09/0,11	35,02	0,21/0,31	0,39	PASS
SGG CLIMAPLUS N SILENCE 44.1Si(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/6	NPD	NPD	1,34	76,60	0,12/0,12	45,80	0,17/0,21	0,56	PASS
XXX CLIMAPLUS SAFE ULTRA N 4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/12/6	NPD	NPD	1,3	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS SAFE FUTUR 6(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,32	74,40	0,12/0,13	45,20	0,24/0,23	0,56	PASS
SGG CLIMAPLUS SAFE FUTUR 6(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/15/6	NPD	NPD	1,32	74,40	0,12/0,13	45,20	0,24/0,23	0,56	PASS
SGG CLIMAPLUS SAFE N F2 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/15/4	29(-1;-4)	NPD	1,19	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN154 6(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	1,2	49,41	0,18/0,22	22,72	0,34/0,32	0,27	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN154 6(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/8	NPD	NPD	1,0	49,41	0,18/0,22	22,72	0,34/0,32	0,27	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN172 44.1(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,30	64,10	0,09/0,11	32,70	0,20/0,29	0,39	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN172 44.1(15 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/8	NPD	NPD	1,15	64,10	0,09/0,11	32,70	0,20/0,29	0,38	PASS
SGG CLIMAPLUS N F2 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,35	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N F2 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,19	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N MONUMENTAL S 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,35	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N MONUMENTAL S 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,19	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS 4S BIOCLEAN 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,12	69,00	0,15/0,15	38,70	0,36/0,33	0,41	PASS
SGG CLIMAPLUS 4S F2 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,1	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS BIOCLEAN 4S F2 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,12	69,00	0,15/0,15	38,70	0,36/0,33	0,41	PASS
SGG CLIMAPLUS N ACOUSTIC 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS N 4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	34(-1;-5)	NPD	1,3	78,76	0,12/0,12	53,69	0,25/0,22	0,64	PASS
SGG CLIMAPLUS N F3 4(15 argon)4 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	76,40	0,15/0,14	49,90	0,24/0,24	0,60	PASS
SGG CLIMAPLUS N F3 4(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/6	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,25/0,22	0,64	PASS
SGG CLIMAPLUS EKOPLUS S 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,46	74,70	0,17/0,16	58,90	0,15/0,14	0,72	PASS
SGG CLIMAPLUS N ACOUSTIC 8(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,14	77,70	0,12/0,12	49,30	0,19/0,23	0,59	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 8(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,14	75,50	0,14/0,14	48,20	0,22/0,24	0,58	PASS
SGG CLIMAPLUS N 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	31(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N F3 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS

CE	Leistungserklärung				FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg													
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS N ACOUSTIC 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,2	78,05	0,12/0,12	52,26	0,21/0,24	0,61	PASS
SGG CLIMAPLUS N 4(18 argon)4 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,12	78,40	0,10/0,10	46,40	0,25/0,25	0,55	PASS
SGG CLIMAPLUS N 4(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,5	78,76	0,12/0,12	53,69	0,25/0,22	0,64	PASS
SGG CLIMAPLUS N PARSOL GREY 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,20	38,30	0,06/0,10	28,00	0,11/0,22	0,36	PASS
SGG CLIMAPLUS 4S 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS N PROTECT BIOCLEAN 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	37(-2;-6)	NPD	1,19	75,10	0,14/0,14	45,70	0,19/0,24	0,55	PASS
SGG CLIMAPLUS N ACOUSTIC 10(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/4	35(-2;-5)	NPD	1,2	77,33	0,12/0,12	50,51	0,19/0,24	0,59	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 10(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/4	35(-2;-5)	NPD	1,18	75,60	0,14/0,14	48,40	0,22/0,24	0,58	PASS
SGG CLIMAPLUS N ACOUSTIC 10(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	35(-2;-5)	NPD	1,2	77,33	0,12/0,12	50,51	0,19/0,24	0,59	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS N 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,14	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N BIOCLEAN 10(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/4	NPD	NPD	1,21	75,60	0,14/0,14	48,40	0,22/0,24	0,58	PASS
SGG CLIMAPLUS N 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N 4(18 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,18	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-3)	NPD	1,14	78,60	0,12/0,12	51,00	0,23/0,21	0,63	PASS
SGG CLIMAPLUS N PROTECT BIOCLEAN 44.2(20 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/20/6	NPD	NPD	1,21	74,20	0,14/0,14	44,20	0,19/0,22	0,55	PASS
SGG CLIMAPLUS ULTRA N 3(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	1,07	80,00	0,12/0,11	54,50	0,26/0,25	0,64	PASS
SGG CLIMAPLUS N 4(18 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/6	NPD	NPD	1,18	78,60	0,12/0,12	51,00	0,23/0,21	0,63	PASS
SGG CLIMAPLUS N 4(06 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	NPD	NPD	1,51	78,60	0,12/0,12	51,00	0,23/0,21	0,63	PASS
XXX CLIMAPLUS N 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,14	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(21krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/21/4	NPD	NPD	1,20	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(18 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,18	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(15 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,16	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
XXX CLIMAPLUS ULTRA N 3(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	1,07	80,00	0,12/0,11	54,50	0,26/0,25	0,64	PASS
SGG CLIMAPLUS ULTRA N 3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	1,3	80,21	0,12/0,12	55,46	0,28/0,27	0,63	PASS
SGG CLIMAPLUS SAFE N 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/12/4	29(0;-3)	NPD	1,14	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS SAFE N 4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/16/6	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
XXX CLIMAPLUS N SWS 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N 4(22 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/22/4	NPD	NPD	1,23	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(27 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/27/4	NPD	NPD	1,26	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(09 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/9/4	NPD	NPD	1,62	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS SAFE N 4(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/18/6	NPD	NPD	1,24	78,40	0,12/0,12	48,90	0,23/0,19	0,63	PASS
XXX CLIMAPLUS SAFE N F3 4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/12/6	NPD	NPD	1,35	78,30	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS COOL-LITE SKN154 F2 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	36(-1;-4)	NPD	1,0	49,56	0,18/0,22	23,68	0,31/0,38	0,27	PASS
SGG CLIMAPLUS N SWS 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,3	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS SAFE 4S 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,1	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS 4S 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,1	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
XXX CLIMAPLUS N F3 SWS 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N SWS 4(22 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/22/4	NPD	NPD	1,23	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS 4S 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	31(-1;-4)	NPD	1,1	69,83	0,13/0,12	37,66	0,31/0,30	0,52	PASS
SGG CLIMAPLUS 4S 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	31(-1;-4)	NPD	1,1	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS N F3 4(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,24	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,20	78,40	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS COOL-LITE SKN154 F2 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	33(-1;-4)	NPD	1,0	50,01	0,18/0,22	24,05	0,34/0,38	0,27	PASS
SGG CLIMAPLUS SAFE N 8(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/8	40(-1;-5)	NPD	1,34	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS N 4(08 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	1,7	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N SWS 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS SAFE 4S F2 33.1(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,1	70,25	0,12/0,13	36,81	0,27/0,34	0,40	PASS
SGG CLIMAPLUS SAFE N SERALIT EVOLUTION 6(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	(1C0/1C2*)/2I	200K/40K	6/15/6	NPD	NPD	1,32	74,40	0,12/0,13	45,20	0,24/0,23	0,56	PASS
SGG CLIMAPLUS SAFE N F3 6(14 argon)33.1 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/14/6	NPD	NPD	1,22	77,40	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS SAFE N F2 6(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,2	77,81	0,12/0,12	49,96	0,22/0,21	0,57	PASS
SGG CLIMAPLUS PROTECT N 4(20 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	1C3/1B1	200K/40K	4/20/7	NPD	NPD	1,22	78,20	0,12/0,12	48,20	0,23/0,18	0,63	PASS
SGG CLIMAPLUS N COTSWOLD 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,35	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S 6(14 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,1	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SAFE 4S 6(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,1	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS 4S 4(09 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/9/4	NPD	NPD	1,56	71,00	0,12/0,13	38,70	0,33/0,32	0,42	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 6(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,2	49,86	0,18/0,22	23,05	0,34/0,35	0,27	PASS

CE	Leistungserklärung				FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg													
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS COOL-LITE SKN172 6(18 argon)4mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,17	66,70	0,09/0,10	36,70	0,25/0,29	0,40	PASS
SGG CLIMAPLUS SAFE N F3 6(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,22	77,40	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS SAFE 4S 33.1(14 argon)6mm	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/14/6	NPD	NPD	1,1	69,62	0,12/0,13	36,16	0,27/0,31	0,40	PASS
SGG CLIMAPLUS N 4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,35	78,30	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS SATINOVO MATE N 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,21	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS SAFE N 8(20 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/20/6	NPD	NPD	1,21	76,50	0,12/0,12	45,80	0,19/0,19	0,59	PASS
SGG CLIMAPLUS N 8(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,3	78,05	0,12/0,12	52,26	0,21/0,24	0,61	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(16 argon)4mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,2	66,58	0,09/0,11	36,80	0,25/0,31	0,40	PASS
SGG CLIMAPLUS SAFE N 6(24 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/24/6	NPD	NPD	1,24	77,50	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS N COTSWOLD 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N F3 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS SAFE N 33.1(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	1,22	77,30	0,12/0,12	46,60	0,18/0,19	0,58	PASS
SGG CLIMAPLUS N COTSWOLD 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,19	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS N 6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/6	NPD	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS SAFE N 6(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,21	77,50	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS COOL-LITE SKN172 6(16 argon)6mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,2	65,99	0,09/0,11	36,07	0,25/0,28	0,40	PASS
SGG CLIMAPLUS N 8(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/8	40(-1;-5)	NPD	1,34	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS SAFE N 8(20 argon)33.1 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/20/6	NPD	NPD	1,21	76,50	0,12/0,12	45,80	0,19/0,19	0,59	PASS
SGG CLIMAPLUS SAFE N 8(20 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/20/10	36(-1;-4)	NPD	1,21	74,80	0,12/0,12	43,10	0,18/0,16	0,59	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154II F2 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2*	200K/200K	8/16/6	36(-1;-4)	NPD	1,0	49,57	0,18/0,26	23,58	0,30/0,43	0,27	PASS
SGG CLIMAPLUS N 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/6	NPD	NPD	1,22	77,70	0,12/0,12	49,30	0,21/0,21	0,61	PASS
SGG CLIMAPLUS N 4(10argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,5	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N SATINOVO MATE 8(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,19	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS N 8(14argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/8	NPD	NPD	1,21	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS SAFE 4S 33.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	6/16/6	NPD	NPD	1,1	69,62	0,12/0,13	36,16	0,27/0,31	0,40	PASS
SGG CLIMAPLUS SAFE N 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,19	77,50	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS SAFE N 8(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/16/6	NPD	NPD	1,19	76,60	0,12/0,12	45,80	0,19/0,19	0,59	PASS
SGG CLIMAPLUS N COTSWOLD 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,21	NPD	NPD	NPD	NPD	NPD	PASS
SSGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN154 44.2(14 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/1C2	40K/200K	9/14/6	NPD	NPD	1,1	49,27	0,18/0,22	22,43	0,27/0,38	0,25	PASS
SGG CLIMAPLUS SAFE 4S 8(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/6	NPD	NPD	1,1	69,00	0,12/0,13	35,53	0,27/0,28	0,40	PASS
SGG CLIMAPLUS SECURIT SAFE N 6(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,34	77,50	0,12/0,12	47,30	0,20/0,19	0,61	PASS
SGG CLIMAPLUS N F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT N 6(18 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	200K/40K	6/18/7	NPD	NPD	1,21	77,30	0,12/0,12	46,60	0,20/0,19	0,60	PASS
SGG CLIMAPLUS SAFE 4S 33.1(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/18/4	NPD	NPD	1,1	70,25	0,12/0,13	36,81	0,27/0,34	0,40	PASS
SGG CLIMAPLUS SAFE N F3 4(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,22	78,30	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS ACOUSTIC 4S 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS N F3 SWS 4(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,24	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,24	78,60	0,12/0,12	51,00	0,21/0,23	0,61	PASS
SGG CLIMAPLUS N 8(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/8	NPD	NPD	1,3	76,66	0,12/0,12	49,60	0,21/0,20	0,61	PASS
SGG CLIMAPLUS SAFE N 8(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/18/6	NPD	NPD	1,20	76,60	0,12/0,12	45,80	0,19/0,19	0,59	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN154 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,2	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS SAFE N 4(20 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/20/6	NPD	NPD	1,22	78,40	0,12/0,12	48,90	0,23/0,19	0,61	PASS
SGG CLIMAPLUS ACOUSTIC N F3 4(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,2	78,76	0,12/0,12	53,69	0,25/0,22	0,64	PASS
SGG CLIMAPLUS SAFE N F2 4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,3	78,52	0,12/0,12	51,27	0,24/0,21	0,59	PASS
SGG CLIMAPLUS N SATINOVO MATE 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,21	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N PARSOL GREY 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,20	38,30	0,06/0,10	28,00	0,11/0,22	0,36	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,14	50,40	0,18/0,20	24,10	0,33/0,39	0,27	PASS
SGG CLIMAPLUS N F2 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,21	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N 8(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,19	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS N COTSWOLD 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	29(-1;-4)	NPD	1,22	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N 5(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/6	NPD	NPD	1,3	78,40	0,12/0,12	52,97	0,24/0,22	0,63	PASS
SGG CLIMAPLUS SAFE N 33.1(10 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/6	NPD	NPD	1,51	77,30	0,12/0,12	46,60	0,18/0,19	0,58	PASS
SGG CLIMAPLUS PROTECT N 4(16 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	1C3/1B1	200K/40K	4/16/7	NPD	NPD	1,20	78,20	0,12/0,12	48,20	0,23/0,18	0,63	PASS
SGG CLIMAPLUS SAFE N 8(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/14/6	NPD	NPD	1,22	76,60	0,12/0,12	45,80	0,19/0,19	0,59	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN172 6(16 argon)33.1mm	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,2	65,79	0,09/0,11	35,02	0,25/0,25	0,40	PASS
SGG CLIMAPLUS N PARSOL GREY 6(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,21	38,30	0,06/0,10	28,00	0,11/0,22	0,36	PASS
SGG CLIMAPLUS N 6(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	31(-1;-4)	NPD	1,5	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N 8(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/14/6	35(-2;-6)	NPD	1,2	77,35	0,12/0,12	50,89	0,21/0,22	0,61	PASS

CE	Leistungserklärung						FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg											
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS ACOUSTIC 4S F2 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,2	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N 4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/16/6	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,27/0,22	0,62	PASS
SGG CLIMAPLUS SAFE 4S 8(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,1	68,38	0,12/0,13	34,92	0,27/0,26	0,40	PASS
SGG CLIMAPLUS N 6(22 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/22/6	NPD	NPD	1,23	77,70	0,12/0,12	49,30	0,21/0,21	0,61	PASS
SGG CLIMAPLUS SAFE 4S 33.1(14 argon)33.1mm	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	1,15	69,00	0,12/0,13	35,60	0,26/0,26	0,40	PASS
SGG CLIMAPLUS N COTSWOLD 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,22	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N 33.1(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	NPD	NPD	1,34	76,30	0,12/0,12	44,60	0,18/0,16	0,58	PASS
SGG CLIMAPLUS N 3(09 argon)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/9/3	NPD	NPD	1,62	80,50	0,12/0,12	54,80	0,24/0,25	0,64	PASS
SGG CLIMAPLUS N SATINOVO MATE 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,35	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N 4(22 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/22/6	NPD	NPD	1,23	78,40	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS N SAHARA 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,19	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N TWIST 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,35	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S 10(18 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/18/8	NPD	NPD	1,13	67,70	0,12/0,13	34,30	0,26/0,23	0,40	PASS
SGG CLIMAPLUS COOL-LITE SKN154 8(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/6	NPD	NPD	1,1	49,56	0,18/0,22	23,68	0,31/0,38	0,27	PASS
SGG CLIMAPLUS N 6(09 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/9/4	NPD	NPD	1,61	78,60	0,12/0,12	51,00	0,21/0,23	0,61	PASS
SGG CLIMAPLUS SAFE N 8(15 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/15/8	NPD	NPD	1,18	75,60	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS N 3(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	1,3	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS SAFE N F3 4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	4/12/6	NPD	NPD	1,35	78,30	0,12/0,12	48,90	0,23/0,19	0,63	PASS
SGG CLIMAPLUS N 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,5	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,3	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS SAFE N F2 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/12/4	29(0;-3)	NPD	1,35	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N BIOCLEAN 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,43	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN172 F2 44.1(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/12/6	NPD	NPD	1,3	65,20	0,09/0,11	34,37	0,21/0,28	0,38	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN172 44.1(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/C2	40K/200K	8/15/6	NPD	NPD	1,1	65,20	0,09/0,11	34,37	0,21/0,28	0,38	PASS
SGG CLIMAPLUS N F3 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,2	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N BIOCLEAN 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,19	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
SGG CLIMAPLUS N F3 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	31(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N BIOCLEAN 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,20	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
SGG CLIMAPLUS N 4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,12	79,50	0,12/0,12	52,90	0,23/0,23	0,63	PASS
SGG CLIMAPLUS N BIOCLEAN 4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,12	77,30	0,15/0,14	51,70	0,26/0,25	0,62	PASS
SGG CLIMAPLUS ULTRA N 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,6	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,6	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS ULTRA N 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,4	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,4	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS ULTRA N 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,4	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,4	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS ULTRA N F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS ULTRA N 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(15 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,1	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,1	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS ULTRA N 4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,0	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N BIOCLEAN 4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,0	77,41	0,15/0,15	52,57	0,28/0,28	0,60	PASS
SGG CLIMAPLUS COOL-LITE SKN154 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,2	50,01	0,18/0,22	24,05	0,34/0,38	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN154 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	NPD	NPD	1,0	50,01	0,18/0,22	24,05	0,34/0,38	0,27	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/12/6	NPD	NPD	1,3	69,00	0,12/0,13	35,53	0,25/0,31	0,39	PASS
SGG CLIMAPLUS SAFE 4S 44.1(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/15/6	NPD	NPD	1,1	69,00	0,12/0,13	35,53	0,25/0,31	0,39	PASS
SGG CLIMAPLUS SILENCE N 44.1Si(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	NPD	NPD	1,34	77,50	0,12/0,12	47,30	0,17/0,23	0,57	PASS
SGG CLIMAPLUS SAFE N F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/12/4	29(0;-3)	NPD	1,3	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS SECURIT N II 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/18/4	NPD	NPD	1,21	79,50	0,12/0,12	52,90	0,23/0,23	0,64	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,19	76,40	0,15/0,14	49,90	0,24/0,24	0,60	PASS
SGG CLIMAPLUS N ACOUSTIC 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,2	78,76	0,12/0,12	53,69	0,23/0,24	0,63	PASS
SGG CLIMAPLUS SECURIT EKOPLUS S 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/18/4	NPD	NPD	1,46	74,70	0,17/0,16	58,90	0,15/0,14	0,72	PASS
SGG CLIMAPLUS N ACOUSTIC 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,14	78,60	0,12/0,12	51,00	0,21/0,23	0,61	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,14	76,40	0,15/0,14	49,90	0,24/0,24	0,60	PASS
SGG CLIMAPLUS SAFE N 8(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	40K/40K	8/16/8	NPD	NPD	1,19	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS SAFE N PARSOL GREY 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	31(-1;-4)	NPD	1,19	37,80	0,06/0,10	27,00	0,11/0,20	0,36	PASS
SGG CLIMAPLUS N ACOUSTIC 8(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/4	33(-1;-4)	NPD	1,2	78,05	0,12/0,12	52,26	0,21/0,24	0,61	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 8(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/4	33(-1;-4)	NPD	1,19	75,50	0,14/0,14	48,20	0,22/0,24	0,58	PASS

CE	Leistungserklärung						FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg											
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SECURIT EKOPLUS S 6(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/14/6	31(-1;-4)	NPD	1,46	72,90	0,17/0,16	54,20	0,14/0,13	0,69	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,19	75,50	0,14/0,14	48,20	0,22/0,24	0,58	PASS
SGG CLIMAPLUS N PROTECT 44.2(15 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/15/4	NPD	NPD	1,19	77,30	0,12/0,12	46,60	0,16/0,23	0,56	PASS
SGG CLIMAPLUS N PROTECT BIOCLEAN 44.2(15 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/15/4	NPD	NPD	1,19	75,10	0,14/0,14	45,70	0,19/0,24	0,55	PASS
SGG CLIMAPLUS N PROTECT 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	37(-2;-6)	NPD	1,19	77,30	0,12/0,12	46,60	0,16/0,23	0,56	PASS
SGG CLIMAPLUS SAFE N 8(14 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	40K/40K	8/14/8	NPD	NPD	1,21	75,70	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS SAFE N 8(15 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	40K/40K	8/15/8	NPD	NPD	1,18	75,60	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS SECURIT SAFE N F3 5(14 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C3/2B2	200K/40K	5/14/8	NPD	NPD	1,22	77,00	0,12/0,12	46,60	0,22/0,17	0,62	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 F2 6(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	40K/40K	6/14/6	NPD	NPD	1,1	67,80	0,11/0,12	35,96	0,28/0,28	0,41	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 10(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	35(-2;-5)	NPD	1,18	75,60	0,14/0,14	48,40	0,22/0,24	0,58	PASS
SGG CLIMAPLUS N 10(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/4	NPD	NPD	1,21	77,80	0,12/0,12	49,50	0,19/0,23	0,60	PASS
SGG CLIMAPLUS N 3(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	1,14	80,00	0,12/0,12	53,80	0,24/0,23	0,65	PASS
SGG CLIMAPLUS N ACOUSTIC 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,21	76,90	0,12/0,12	47,90	0,19/0,21	0,59	PASS
SGG CLIMAPLUS N ACOUSTIC BIOCLEAN 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,21	74,70	0,14/0,14	46,80	0,22/0,22	0,58	PASS
SGG CLIMAPLUS N PROTECT 44.2(20 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/20/6	NPD	NPD	1,21	76,40	0,12/0,12	45,10	0,16/0,21	0,56	PASS
XXX CLIMAPLUS SAFE N 8(15 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	40K/40K	8/15/8	NPD	NPD	1,18	75,60	0,12/0,12	44,40	0,19/0,17	0,59	PASS
SGG CLIMAPLUS ULTRA N F2 4(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	36(-1;-4)	NPD	1,4	77,69	0,12/0,12	50,13	0,26/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 4(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	36(-1;-4)	NPD	1,4	77,69	0,12/0,12	50,13	0,27/0,20	0,62	PASS
SGG CLIMAPLUS ULTRA N II F2 4(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	36(-1;-4)	NPD	1,4	77,69	0,12/0,12	50,17	0,26/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/10	36(-1;-4)	NPD	1,4	77,69	0,12/0,12	50,17	0,27/0,20	0,62	PASS
XXX CLIMAPLUS ULTRA N F2 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
XXX CLIMAPLUS ULTRA N F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS ULTRA N II F2 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,85	0,12/0,12	54,78	0,27/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(0;-3)	NPD	1,3	79,85	0,12/0,12	54,78	0,27/0,27	0,63	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 4(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	53,95	0,27/0,25	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 4(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	54,03	0,27/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 4(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	54,03	0,27/0,25	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	34(-1;-5)	NPD	1,3	79,13	0,12/0,12	53,22	0,26/0,25	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-3)	NPD	1,3	79,13	0,12/0,12	53,22	0,27/0,24	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-3)	NPD	1,3	79,13	0,12/0,12	53,30	0,27/0,25	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-3)	NPD	1,3	79,13	0,12/0,12	53,30	0,27/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N F2 4(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	1,3	78,42	0,12/0,12	51,83	0,26/0,23	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 4(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	1,3	78,42	0,12/0,12	51,83	0,27/0,22	0,62	PASS
SGG CLIMAPLUS ULTRA N II F2 4(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	1,3	78,41	0,12/0,12	51,89	0,26/0,23	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	36(-2;-5)	NPD	1,3	78,41	0,12/0,12	51,89	0,27/0,23	0,62	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 4(15 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/15/7	36(-1;-5)	NPD	1,1	78,66	0,12/0,12	50,23	0,26/0,21	0,58	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 4(15 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/15/7	36(-1;-5)	NPD	1,1	78,66	0,12/0,12	50,23	0,27/0,21	0,62	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 4(15 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/15/7	36(-1;-5)	NPD	1,1	78,65	0,12/0,12	50,31	0,26/0,21	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,12	77,20	0,11/0,11	47,10	0,24/0,17	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,1	77,95	0,12/0,12	48,96	0,26/0,19	0,62	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,12	77,20	0,11/0,11	47,10	0,24/0,17	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,26/0,25	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,27/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N II F2 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,30	0,27/0,25	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	35(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,30	0,27/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N F2 4(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/8	36(-2;-5)	NPD	1,1	78,42	0,12/0,12	51,83	0,26/0,23	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 4(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/8	36(-2;-5)	NPD	1,1	78,42	0,12/0,12	51,83	0,27/0,22	0,62	PASS
SGG CLIMAPLUS ULTRA N II F2 4(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/8	35(-2;-5)	NPD	1,1	78,41	0,12/0,12	51,89	0,26/0,23	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/8	35(-2;-5)	NPD	1,1	78,41	0,12/0,12	51,89	0,27/0,23	0,62	PASS
SGG CLIMAPLUS ULTRA N F2 4(6 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/10	36(-1;-3)	NPD	1,99	77,80	0,11/0,11	50,10	0,24/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 4(6 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/10	36(-1;-3)	NPD	2,0	77,69	0,12/0,12	50,13	0,27/0,20	0,61	PASS
SGG CLIMAPLUS ULTRA N II F2 4(6 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/10	36(-1;-3)	NPD	1,99	77,80	0,11/0,11	50,10	0,24/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(6 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/10	36(-1;-3)	NPD	2,0	77,69	0,12/0,12	50,17	0,27/0,20	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(6 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	34(-1;-3)	NPD	2,01	78,60	0,11/0,12	51,60	0,24/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 4(6 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	34(-1;-3)	NPD	2,0	79,13	0,12/0,12	53,22	0,27/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N II F2 4(6 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	34(-1;-3)	NPD	2,01	78,60	0,11/0,12	51,60	0,24/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N II F3 4(6 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/6	34(-1;-3)	NPD	2,0	79,13	0,12/0,12	53,30	0,27/0,24	0,62	PASS
SGG CLIMAPLUS PROTECT F2 5(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	35(-1;-4)	NPD	1,74	74,50	0,11/0,11	45,20	0,20/0,17	0,54	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS PROTECT ULTRA N F2 5(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	35(-1;-4)	NPD	1,3	78,30	0,12/0,12	49,59	0,25/0,21	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 5(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	35(-1;-4)	NPD	1,3	78,30	0,12/0,12	49,59	0,25/0,21	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 5(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	35(-1;-4)	NPD	1,3	78,30	0,12/0,12	49,67	0,25/0,21	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 5(12 air)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	36(-1;-5)	NPD	1,74	74,50	0,11/0,11	45,20	0,20/0,17	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(12 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	36(-1;-5)	NPD	1,3	78,30	0,12/0,12	49,59	0,25/0,21	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(12 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	36(-1;-5)	NPD	1,3	78,30	0,12/0,12	49,59	0,25/0,21	0,61	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(12 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/12/7	36(-1;-5)	NPD	1,3	78,30	0,12/0,12	49,67	0,25/0,21	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 5(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	53,95	0,25/0,27	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 5(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	54,03	0,25/0,27	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 5(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,3	79,49	0,12/0,12	54,03	0,26/0,27	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	1,1	79,49	0,12/0,12	53,95	0,25/0,27	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	33(-1;-4)	NPD	1,4	76,99	0,12/0,12	48,88	0,24/0,20	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	1,1	79,49	0,12/0,12	54,03	0,25/0,27	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(10 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	33(-1;-4)	NPD	1,1	79,49	0,12/0,12	54,03	0,26/0,27	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 5(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/8	35(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,16	0,25/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/8	35(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,16	0,25/0,22	0,62	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 5(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/8	35(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,21	0,25/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 5(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/8	35(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,21	0,26/0,23	0,62	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 5(7 air)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/7/7	36(-1;-4)	NPD	2,34	74,50	0,11/0,11	45,20	0,20/0,17	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 5(7 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/7/7	36(-1;-4)	NPD	1,82	77,70	0,11/0,11	47,90	0,23/0,18	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 5(7 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/7/7	36(-1;-4)	NPD	1,82	77,70	0,12/0,11	47,90	0,23/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 5(7 argon)33.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	5/7/7	36(-1;-4)	NPD	1,82	77,70	0,11/0,11	47,90	0,23/0,18	0,57	PASS
SGG CLIMAPLUS ACOUSTIC F2 6(10 krypton)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	35(0;-3)	NPD	1,21	73,80	0,11/0,11	45,20	0,19/0,18	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(10 krypton)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	35(0;-3)	NPD	1,0	76,99	0,12/0,12	48,88	0,24/0,20	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(10 krypton)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	35(0;-3)	NPD	1,0	76,99	0,12/0,12	48,88	0,24/0,20	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(10 krypton)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	35(0;-3)	NPD	1,0	76,99	0,12/0,12	48,91	0,24/0,20	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(10 krypton)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	35(0;-3)	NPD	1,4	76,99	0,12/0,12	48,91	0,24/0,20	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	1,3	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	1,3	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	1,3	77,25	0,12/0,12	47,82	0,24/0,19	0,56	PASS
SGG CLIMAPLUS ULTRA N F2 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	37(-1;-3)	NPD	1,3	76,99	0,12/0,12	48,88	0,24/0,20	0,56	PASS
SGG CLIMAPLUS ULTRA N F3 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	37(-1;-3)	NPD	1,3	76,99	0,12/0,12	48,88	0,24/0,20	0,60	PASS
SGG CLIMAPLUS ULTRA N II F2 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	37(-1;-3)	NPD	1,3	76,99	0,12/0,12	48,91	0,24/0,20	0,56	PASS
SGG CLIMAPLUS ULTRA N II F3 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	37(-1;-3)	NPD	1,3	76,99	0,12/0,12	48,91	0,24/0,20	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	79,13	0,12/0,12	53,30	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,3	79,13	0,12/0,12	53,30	0,25/0,27	0,61	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	1,3	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 6(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	1,3	77,48	0,12/0,12	48,49	0,24/0,20	0,60	PASS
SGG CLIMAPLUS SECURIT SILENCE ULTRA N II F2 6(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1C2/2B2	200K/40K	6/12/8	38(-1;-4)	NPD	1,3	77,48	0,12/0,12	48,56	0,24/0,20	0,56	PASS
XXX CLIMAPLUS PROTECT ULTRA N F2 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,3	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
XXX CLIMAPLUS PROTECT ULTRA N F3 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,3	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,27	76,30	0,11/0,11	45,60	0,22/0,16	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(12 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/10	40(-2;-6)	NPD	1,3	76,79	0,12/0,12	46,71	0,24/0,17	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(12 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/10	40(-2;-6)	NPD	1,3	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(12 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/10	40(-2;-6)	NPD	1,3	76,79	0,12/0,12	46,75	0,24/0,17	0,56	PASS
SGG CLIMAPLUS PROTECT F2 6(12 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40 K/40K	6/12/13	38(0;-3)	NPD	1,72	71,50	0,11/0,11	40,50	0,19/0,13	0,52	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40 K/40K	6/12/13	38(0;-3)	NPD	1,3	75,87	0,12/0,11	45,50	0,24/0,17	0,56	PASS
XXX CLIMAPLUS PROTECT ULTRA N F3 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40 K/40K	6/12/13	38(0;-3)	NPD	1,3	75,87	0,12/0,12	45,50	0,24/0,16	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40 K/40K	6/12/13	38(0;-3)	NPD	1,3	75,87	0,12/0,11	45,54	0,24/0,17	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(12 argon)HN113-S Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40 K/40K	6/12/14	NPD	NPD	1,3	75,42	0,12/0,11	44,53	0,24/0,15	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(12 argon)HN133-S Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40 K/40K	6/12/14	NPD	NPD	1,3	75,42	0,12/0,11	44,55	0,24/0,15	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/8	34(-1;-3)	NPD	1,3	77,71	0,12/0,12	50,50	0,24/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/8	34(-1;-3)	NPD	1,3	77,71	0,12/0,12	50,50	0,24/0,22	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/8	34(-1;-3)	NPD	1,3	77,71	0,12/0,12	50,55	0,24/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/8	34(-1;-3)	NPD	1,3	77,71	0,12/0,12	50,55	0,24/0,23	0,61	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM F2 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,43	75,40	0,11/0,12	48,50	0,19/0,22	0,53	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,1	79,13	0,12/0,12	53,30	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-2;-5)	NPD	1,06	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ULTRA N F3 ACOUSTIC 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,30	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,1	79,13	0,12/0,12	53,30	0,25/0,27	0,61	PASS
SGG CLIMAPLUS PROTECT F2 6(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,53	73,20	0,11/0,11	43,10	0,19/0,15	0,53	PASS
SGG CLIMAPLUS PROTECT F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,11	76,30	0,11/0,11	45,60	0,22/0,16	0,56	PASS
XXX CLIMAPLUS PROTECT ULTRA N F3 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,1	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,11	76,30	0,11/0,11	45,60	0,22/0,16	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 6(15 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,53	73,20	0,11/0,11	43,10	0,19/0,15	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,1	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,1	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,1	77,25	0,12/0,12	47,82	0,24/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 6(15 air)55.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	41(-2;-6)	NPD	1,52	72,30	0,11/0,11	41,80	0,19/0,14	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(15 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	41(-2;-6)	NPD	1,1	76,56	0,12/0,12	46,60	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(15 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	41(-2;-6)	NPD	1,1	76,56	0,12/0,12	46,60	0,24/0,18	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(15 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	41(-2;-6)	NPD	1,1	76,55	0,12/0,12	46,65	0,24/0,18	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	34(-1;-3)	NPD	1,1	77,71	0,12/0,12	50,50	0,24/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	34(-1;-3)	NPD	1,1	77,71	0,12/0,12	50,50	0,24/0,22	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	34(-1;-3)	NPD	1,1	77,71	0,12/0,12	50,55	0,24/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	34(-1;-3)	NPD	1,1	77,71	0,12/0,12	50,55	0,24/0,23	0,61	PASS
SGG CLIMAPLUS ACOUSTIC 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	32(-1;-4)	NPD	1,28	75,40	0,11/0,12	48,50	0,19/0,22	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 6(15 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40 K/40K	6/15/11	40(-1;-5)	NPD	1,28	72,80	0,11/0,12	42,20	0,19/0,14	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(15 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40 K/40K	6/15/11	40(-1;-5)	NPD	1,1	76,56	0,12/0,12	46,60	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 6(15 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40 K/40K	6/15/11	40(-1;-5)	NPD	1,1	76,55	0,12/0,12	46,65	0,24/0,18	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/16/8	40(-2;-6)	NPD	1,1	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 6(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/16/8	40(-2;-6)	NPD	1,1	77,48	0,12/0,12	48,49	0,24/0,20	0,60	PASS
SGG CLIMAPLUS SECURIT SILENCE ULTRA N II F2 6(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1C2/2B2	200K/40K	6/16/8	40(-2;-6)	NPD	1,1	77,48	0,12/0,12	48,56	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/9	39(-1;-5)	NPD	1,1	77,25	0,12/0,12	47,75	0,24/0,19	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 6(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/9	39(-1;-5)	NPD	1,1	77,25	0,12/0,12	47,76	0,24/0,19	0,60	PASS
SGG CLIMAPLUS SILENCE ULTRA N II F2 6(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/9	39(-1;-5)	NPD	1,1	77,25	0,12/0,12	47,82	0,24/0,19	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	1,1	79,13	0,12/0,12	53,30	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	1,1	79,13	0,12/0,12	53,30	0,25/0,27	0,61	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM F2 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-2;-5)	NPD	1,31	75,40	0,11/0,12	48,50	0,19/0,22	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,2	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,2	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,2	79,13	0,12/0,12	53,30	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(24 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	35(-2;-6)	NPD	1,2	79,13	0,12/0,12	53,30	0,25/0,27	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(25 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/25/4	34(-1;-4)	NPD	1,17	78,60	0,11/0,12	51,60	0,22/0,24	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(25 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/25/4	34(-1;-4)	NPD	1,17	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(25 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/25/4	34(-1;-4)	NPD	1,17	78,60	0,11/0,12	51,60	0,22/0,24	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(25 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/25/4	34(-1;-4)	NPD	1,17	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(7 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/7/4	33(-1;-4)	NPD	1,83	78,60	0,11/0,12	51,60	0,22/0,24	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(7 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/7/4	33(-1;-4)	NPD	1,83	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(7 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/7/4	33(-1;-4)	NPD	1,83	78,60	0,11/0,12	51,60	0,22/0,24	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(7 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/7/4	33(-1;-4)	NPD	1,83	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(9 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/9/4	33(-1;-4)	NPD	1,55	78,60	0,11/0,12	51,60	0,22/0,24	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(9 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/9/4	33(-1;-4)	NPD	1,55	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 6(9 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/9/4	33(-1;-4)	NPD	1,55	78,60	0,11/0,12	51,60	0,22/0,24	0,56	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 6(9 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/9/4	33(-1;-4)	NPD	1,55	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 8(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/10	36(-2;-4)	NPD	1,3	76,30	0,12/0,12	47,69	0,22/0,20	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 8(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/10	36(-2;-4)	NPD	1,3	76,30	0,12/0,12	47,69	0,23/0,20	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 8(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/10	36(-2;-4)	NPD	1,3	76,30	0,12/0,12	47,71	0,22/0,20	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 8(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/10	36(-2;-4)	NPD	1,3	76,30	0,12/0,12	47,71	0,23/0,20	0,59	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken**											**System zur Bewertung der Leistungsbeständigkeit : 3**						
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS SILENCE ULTRA N F2 8(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/12/8	40(-1;-5)	NPD	1,3	76,78	0,12/0,12	47,31	0,22/0,20	0,55	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 8(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/12/8	40(-1;-5)	NPD	1,3	76,78	0,12/0,12	47,31	0,23/0,20	0,59	PASS
SGG CLIMAPLUS SILENCE ULTRA N II F2 8(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/12/8	40(-1;-5)	NPD	1,3	76,78	0,12/0,12	47,37	0,22/0,20	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	36(-1;-5)	NPD	1,27	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 8(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	36(-1;-5)	NPD	1,3	76,56	0,12/0,12	46,60	0,23/0,19	0,59	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 8(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	36(-1;-5)	NPD	1,27	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT PLANITHERM F3 8(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	36(-1;-5)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	36(-1;-5)	NPD	1,11	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 8(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	36(-1;-5)	NPD	1,1	76,56	0,12/0,12	46,60	0,23/0,19	0,59	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 8(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	36(-1;-5)	NPD	1,11	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 8(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	41(-2;-6)	NPD	1,1	76,56	0,12/0,12	46,60	0,22/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 8(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	41(-2;-6)	NPD	1,1	76,56	0,12/0,12	46,60	0,23/0,19	0,59	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 8(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	41(-2;-6)	NPD	1,1	76,55	0,12/0,12	46,65	0,22/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM F3 8(15 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	41(-2;-6)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/16/9	37(-2;-5)	NPD	1,12	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 8(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/16/9	37(-2;-5)	NPD	1,1	76,56	0,12/0,12	46,60	0,23/0,19	0,59	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 8(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/16/9	37(-2;-5)	NPD	1,12	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 8(20 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/5	36(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,16	0,22/0,25	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 8(20 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/5	36(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,16	0,23/0,25	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 8(20 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/5	36(-1;-4)	NPD	1,1	78,06	0,12/0,12	51,21	0,23/0,26	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 8(20 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/5	36(-1;-4)	NPD	1,14	77,20	0,11/0,12	49,00	0,20/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 8(20 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/20/13	42(-1;-5)	NPD	1,51	70,70	0,11/0,11	39,40	0,17/0,13	0,51	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 8(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/20/13	42(-1;-5)	NPD	1,1	75,19	0,12/0,11	44,44	0,22/0,16	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 8(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/20/13	42(-1;-5)	NPD	1,1	75,19	0,12/0,12	44,44	0,22/0,16	0,59	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 8(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/20/13	42(-1;-5)	NPD	1,1	75,19	0,12/0,11	44,47	0,22/0,16	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 8(24 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/5	37(-1;-4)	NPD	1,2	78,06	0,12/0,12	51,16	0,22/0,25	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 8(24 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/5	37(-1;-4)	NPD	1,2	78,06	0,12/0,12	51,16	0,23/0,25	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 8(24 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/5	37(-1;-4)	NPD	1,2	78,06	0,12/0,12	51,21	0,23/0,26	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 8(24 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/24/5	37(-1;-4)	NPD	1,16	77,20	0,11/0,11	49,00	0,20/0,23	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/6/9	36(0;-2)	NPD	1,98	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 8(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/6/9	36(0;-2)	NPD	2,0	76,56	0,12/0,12	46,60	0,23/0,19	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 8(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/6/9	36(0;-2)	NPD	1,98	75,40	0,11/0,11	44,20	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 10(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	42(-1;-4)	NPD	1,27	75,50	0,11/0,11	44,40	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 10(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/9	42(-1;-4)	NPD	1,3	75,85	0,12/0,12	45,16	0,20/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 10(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/9	42(-1;-4)	NPD	1,3	75,85	0,12/0,12	45,20	0,20/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 10(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/9	40(-1;-4)	NPD	1,27	75,50	0,11/0,11	44,40	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 10(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/9	40(-1;-4)	NPD	1,3	75,85	0,12/0,12	45,16	0,20/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 10(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/9	40(-1;-4)	NPD	1,3	75,85	0,12/0,12	45,20	0,20/0,19	0,53	PASS
SGG CLIMAPLUS SILENCE F2 10(12 air)64.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/12/10	42(-1;-5)	NPD	1,72	71,80	0,11/0,11	41,20	0,17/0,15	0,51	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 10(12 argon)64.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/12/10	42(-1;-5)	NPD	1,3	75,40	0,12/0,12	44,78	0,20/0,19	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N II F2 10(12 argon)64.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/12/10	42(-1;-5)	NPD	1,3	75,39	0,12/0,12	44,82	0,20/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT F2 10(12 air)64.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	37(-1;-4)	NPD	1,72	71,60	0,11/0,11	40,70	0,17/0,14	0,51	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 10(12 argon)64.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	37(-1;-4)	NPD	1,3	75,17	0,12/0,12	44,12	0,20/0,18	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 10(12 argon)64.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	37(-1;-4)	NPD	1,3	75,17	0,12/0,12	44,12	0,20/0,18	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 10(12 argon)64.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	37(-1;-4)	NPD	1,3	75,17	0,12/0,11	44,15	0,20/0,18	0,53	PASS
SGG CLIMAPLUS PROTECT F2 10(12 air)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/17	42(-1;-3)	NPD	1,70	69,20	0,11/0,10	37,30	0,17/0,11	0,51	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 10(12 argon)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/17	42(-1;-3)	NPD	1,3	73,18	0,12/0,11	41,26	0,20/0,14	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 10(12 argon)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/17	42(-1;-3)	NPD	1,3	73,18	0,11/0,11	41,26	0,20/0,14	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 10(12 argon)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/17	42(-1;-3)	NPD	1,3	73,18	0,12/0,11	41,27	0,20/0,14	0,53	PASS
SGG CLIMAPLUS ULTRA N F2 10(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	1,1	76,99	0,12/0,12	48,88	0,20/0,24	0,54	PASS
SGG CLIMAPLUS ULTRA N II F2 10(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	1,1	76,99	0,12/0,12	48,91	0,20/0,24	0,54	PASS
SGG CLIMAPLUS ULTRA N II F3 10(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	1,1	76,99	0,12/0,12	48,91	0,20/0,24	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 10(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/9	40(-2;-5)	NPD	1,11	75,50	0,11/0,11	44,40	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 10(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/9	40(-2;-5)	NPD	1,1	75,85	0,12/0,12	45,16	0,20/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 10(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/9	40(-2;-5)	NPD	1,11	75,50	0,11/0,11	44,40	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT F2 10(16 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/13	41(-1;-4)	NPD	1,48	70,80	0,11/0,11	39,50	0,17/0,13	0,51	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 10(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/13	41(-1;-4)	NPD	1,1	74,50	0,12/0,11	43,13	0,20/0,16	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 10(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/13	41(-1;-4)	NPD	1,1	74,50	0,12/0,12	43,13	0,20/0,16	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 10(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/16/13	41(-1;-4)	NPD	1,1	74,50	0,12/0,11	43,15	0,20/0,16	0,53	PASS

CE	Leistungserklärung				FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg													
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SILENCE ULTRA N F3 10(20 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/20/8	45(-1;-5)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,57	PASS
SGG CLIMAPLUS SILENCE ULTRA N II F2 10(20 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/20/8	45(-1;-5)	NPD	1,1	76,07	0,12/0,12	45,89	0,20/0,20	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 10(20 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/20/9	44(-1;-4)	NPD	1,52	72,50	0,11/0,11	41,90	0,17/0,15	0,51	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 10(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/20/9	44(-1;-4)	NPD	1,1	75,85	0,12/0,12	45,16	0,20/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 10(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/20/9	44(-1;-4)	NPD	1,1	75,85	0,12/0,12	45,16	0,20/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 10(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/20/9	44(-1;-4)	NPD	1,1	75,85	0,12/0,12	45,20	0,20/0,19	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,1	76,99	0,12/0,12	48,88	0,20/0,24	0,54	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,1	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F2 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,1	76,99	0,12/0,12	48,91	0,20/0,24	0,54	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N II F3 10(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/20/6	37(-1;-2)	NPD	1,1	76,99	0,12/0,12	48,91	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 10(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/24/6	38(-2;-3)	NPD	1,2	76,99	0,12/0,12	48,88	0,20/0,24	0,54	PASS
SGG CLIMAPLUS ULTRA N F3 10(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/24/6	38(-2;-3)	NPD	1,2	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS ULTRA N II F2 10(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/24/6	38(-2;-3)	NPD	1,2	76,99	0,12/0,12	48,91	0,20/0,24	0,54	PASS
SGG CLIMAPLUS ULTRA N II F3 10(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/24/6	38(-2;-3)	NPD	1,2	76,99	0,12/0,12	48,91	0,20/0,24	0,57	PASS
SGG CLIMAPLUS PROTECT F2 SILENCE 10(24 air)86.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/24/15	45(-1;-3)	NPD	1,53	70,00	0,11/0,11	38,40	0,17/0,12	0,51	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 10(24 argon)86.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/24/15	45(-1;-3)	NPD	1,1	73,83	0,12/0,11	42,18	0,20/0,15	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N II F2 10(24 argon)86.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/24/15	45(-1;-3)	NPD	1,1	73,83	0,12/0,11	42,19	0,20/0,15	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 10(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/6/9	38(0;-3)	NPD	1,98	75,50	0,11/0,11	44,40	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 10(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/6/9	38(0;-3)	NPD	2,0	75,85	0,12/0,12	45,16	0,20/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N II F2 10(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/6/9	38(0;-3)	NPD	1,98	75,50	0,11/0,11	44,40	0,20/0,16	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 12(10 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/10/11	43(-1;-4)	NPD	1,56	70,80	0,11/0,11	39,50	0,16/0,14	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(10 argon)86.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/10/11	43(-1;-4)	NPD	1,41	72,80	0,11/0,11	39,40	0,19/0,13	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/10/9	43(-1;-4)	NPD	1,26	74,70	0,11/0,11	43,00	0,18/0,16	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/10/9	43(-1;-4)	NPD	1,3	74,96	0,11/0,12	43,75	0,18/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(12 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	12/12/10	43(-1;-5)	NPD	1,26	74,20	0,11/0,11	42,10	0,18/0,15	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(12 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	12/12/10	43(-1;-5)	NPD	1,3	74,51	0,11/0,12	42,82	0,18/0,17	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 12(15 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/15/9	43(-1;-4)	NPD	1,50	71,60	0,11/0,11	40,70	0,16/0,15	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/15/9	43(-1;-4)	NPD	1,10	74,70	0,11/0,11	43,00	0,18/0,16	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/15/9	43(-1;-4)	NPD	1,1	74,96	0,11/0,12	43,75	0,18/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT F2 12(16 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/16/13	40(-1;-4)	NPD	1,48	70,00	0,11/0,11	38,40	0,16/0,13	0,50	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 12(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/16/13	40(-1;-4)	NPD	1,11	72,90	0,10/0,11	40,50	0,18/0,14	0,52	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 12(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/16/13	40(-1;-4)	NPD	1,1	73,63	0,11/0,11	41,83	0,18/0,16	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/9	44(-1;-4)	NPD	1,13	74,70	0,11/0,11	43,00	0,18/0,16	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/9	44(-1;-4)	NPD	1,1	74,96	0,11/0,12	43,75	0,18/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 12(20 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/13	45(-1;-3)	NPD	1,51	70,00	0,11/0,11	38,40	0,16/0,13	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/13	45(-1;-3)	NPD	1,13	72,90	0,10/0,11	40,50	0,18/0,14	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/13	45(-1;-3)	NPD	1,1	73,63	0,11/0,11	41,83	0,18/0,16	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 12(24 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/24/9	45(-1;-2)	NPD	1,53	70,00	0,11/0,11	38,40	0,16/0,13	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 12(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/24/13	45(-1;-2)	NPD	1,15	72,90	0,10/0,11	40,50	0,18/0,14	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/24/13	45(-1;-2)	NPD	1,1	73,63	0,11/0,11	41,83	0,18/0,16	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 33.2(10 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/2B2	40K/40K	7/10/8	40(-2;-5)	NPD	1,4	77,02	0,12/0,12	47,19	0,20/0,20	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 33.2(10 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/2B2	40K/40K	7/10/8	40(-2;-5)	NPD	1,4	77,02	0,12/0,12	47,19	0,20/0,20	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 33.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/20/9	43(-1;-6)	NPD	1,1	76,79	0,12/0,12	46,71	0,20/0,19	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 33.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/20/9	43(-1;-6)	NPD	1,1	76,79	0,12/0,12	46,71	0,20/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 33.2Si(12 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/12/11	42(-2;-6)	NPD	1,42	71,90	0,11/0,11	40,90	0,16/0,14	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 33.2Si(12 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/12/11	42(-2;-6)	NPD	1,3	76,10	0,12/0,12	45,59	0,20/0,18	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 33.2Si(20 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/20/11	44(-2;-7)	NPD	1,30	71,90	0,11/0,11	40,90	0,16/0,14	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 33.2Si(20 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	7/20/11	44(-2;-7)	NPD	1,1	76,10	0,12/0,12	45,59	0,20/0,18	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1Si(16 argon)55.1Si	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/2B2	40K/40K	8/16/10	45(-2;-7)	NPD	1,1	75,87	0,12/0,12	45,49	0,20/0,19	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 44.1Si(16 argon)55.1Si	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/2B2	40K/40K	8/16/10	45(-2;-7)	NPD	1,1	75,87	0,12/0,12	45,49	0,20/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 44.1Si(24 argon)86.2Si	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/2B2	40K/40K	8/24/15	50(-2;-7)	NPD	1,31	69,70	0,11/0,11	37,90	0,15/0,12	0,49	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.1Si(24 argon)86.2Si	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/2B2	40K/40K	8/24/15	50(-2;-7)	NPD	1,2	74,29	0,12/0,11	42,94	0,20/0,15	0,53	PASS
SGG CLIMAPLUS PROTECT F2 44.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,52	71,90	0,11/0,11	40,90	0,15/0,15	0,49	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,1	76,10	0,12/0,12	45,59	0,19/0,19	0,52	PASS
XXX CLIMAPLUS PROTECT ULTRA N F3 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,1	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2(8 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/2B2	40K/40K	9/8/8	40(-1;-5)	NPD	1,7	76,33	0,12/0,12	46,06	0,19/0,20	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2(8 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/2B2	40K/40K	9/8/8	40(-1;-5)	NPD	1,66	75,20	0,11/0,11	43,70	0,16/0,18	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(15 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/11	44(-1;-6)	NPD	1,1	75,42	0,12/0,12	44,52	0,19/0,18	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2Si(15 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/11	44(-1;-6)	NPD	1,1	75,42	0,12/0,12	44,52	0,19/0,18	0,56	PASS

Leistungserklärung	FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken — System zur Bewertung der Leistungsbeständigkeit : 3

Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(20 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/11	46(-2;-7)	NPD	1,1	75,42	0,12/0,12	44,52	0,19/0,18	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2Si(20 argon)55.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/11	46(-2;-7)	NPD	1,1	75,42	0,12/0,12	44,52	0,19/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/13	49(-2;-6)	NPD	1,1	74,74	0,12/0,11	43,50	0,19/0,16	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2Si(20 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/13	49(-2;-6)	NPD	1,1	74,74	0,12/0,12	43,50	0,19/0,16	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 44.2Si(20 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/11	51(-4;-10)	NPD	1,30	71,10	0,11/0,11	39,70	0,14/0,14	0,49	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(20 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/11	51(-4;-10)	NPD	1,1	75,42	0,12/0,12	44,52	0,19/0,18	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(24 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/11	NPD	NPD	1,2	75,42	0,12/0,12	44,52	0,19/0,18	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/13	50(-2;-7)	NPD	1,2	74,74	0,12/0,11	43,50	0,19/0,16	0,52	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2Si(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/13	50(-2;-7)	NPD	1,2	74,74	0,12/0,12	43,50	0,19/0,16	0,55	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 55.1(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/2B2	40K/40K	10/16/8	44(-1;-6)	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,52	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 55.1(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/2B2	40K/40K	10/16/8	44(-1;-6)	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 64.2(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	11/20/9	46(-1;-5)	NPD	1,1	75,42	0,12/0,12	44,52	0,18/0,19	0,51	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 64.2Si(20 argon)44.2	NPD	NPD	NPD	NPD	NPD	P1A/P2A	1B1/1B1	40K/40K	11/20/9	46(-1;-5)	NPD	1,1	75,42	0,12/0,12	44,52	0,18/0,19	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 66.2Si(12 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/12/13	45(-1;-4)	NPD	1,3	73,41	0,11/0,11	41,57	0,16/0,16	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 66.2Si(12 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/12/13	45(-1;-4)	NPD	1,3	73,41	0,11/0,11	41,57	0,16/0,16	0,53	PASS
SGG CLIMAPLUS PROTECT F2 66.2(12 air)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	13/24/15	41(-1;-7)	NPD	1,70	68,20	0,11/0,11	35,90	0,12/0,12	0,46	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.2(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	13/24/15	41(-1;-7)	NPD	1,3	72,98	0,11/0,11	40,83	0,16/0,15	0,50	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 66.2(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	13/24/15	41(-1;-7)	NPD	1,3	72,98	0,11/0,11	40,83	0,16/0,15	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA F2 66.2(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	13/24/15	41(-1;-7)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT F3 66.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,51	70,30	0,11/0,11	38,60	0,13/0,14	0,52	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,10	73,20	0,10/0,11	40,70	0,14/0,16	0,48	PASS
XXX CLIMAPLUS PROTECT ULTRA N F3 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA F2 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT SILENCE F2 66.2Si(16 argon)88.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/17	46(-1;-5)	NPD	1,26	67,10	0,11/0,10	34,60	0,12/0,11	0,46	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 66.2Si(16 argon)88.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/17	46(-1;-5)	NPD	1,1	72,11	0,11/0,11	39,80	0,16/0,14	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 66.2Si(16 argon)88.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/17	46(-1;-5)	NPD	1,10	69,90	0,11/0,10	36,50	0,14/0,12	0,51	PASS
SGG CLIMAPLUS PROTECT F2 66.4(12 air)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	14/12/14	42(-1;-5)	NPD	1,70	67,80	0,11/0,11	35,30	0,11/0,12	0,46	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.4(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	14/12/14	42(-1;-5)	NPD	1,3	72,54	0,11/0,11	40,13	0,15/0,15	0,49	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 66.4(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	14/12/14	42(-1;-5)	NPD	1,3	72,54	0,11/0,11	40,13	0,15/0,15	0,52	PASS
SGG CLIMAPLUS PROTECT F3 66.4(15 air)12	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	14/15/12	39(-1;-5)	NPD	1,50	69,60	0,11/0,11	37,60	0,12/0,16	0,51	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.4(15 argon)12	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	14/15/12	39(-1;-5)	NPD	1,06	72,50	0,10/0,11	39,70	0,13/0,18	0,47	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 66.4(15 argon)12	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	14/15/12	39(-1;-5)	NPD	1,1	73,19	0,11/0,11	40,97	0,15/0,18	0,52	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 86.1(24 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/2B2	40K/40K	14/24/8	47(-1;-6)	NPD	1,2	74,52	0,11/0,12	43,43	0,16/0,20	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM F3 86.2Si(24 air)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/13	50(-1;-4)	NPD	1,52	67,90	0,10/0,11	35,50	0,12/0,12	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 86.2Si(24 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	15/24/13	50(-1;-4)	NPD	1,1	72,76	0,11/0,11	40,67	0,15/0,16	0,52	PASS
SGG CLIMALIT PROTECT F3 88.4(12 air)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40 K/40K	18/12/14	43(-1;-7)	NPD	1,69	66,30	0,10/0,10	33,50	0,10/0,11	0,48	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 88.4(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40 K/40K	18/12/14	43(-1;-7)	NPD	1,2	71,26	0,11/0,11	38,45	0,13/0,15	0,47	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 88.4(12 argon)66.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40 K/40K	18/12/14	43(-1;-7)	NPD	1,25	69,10	0,10/0,10	35,30	0,11/0,13	0,47	PASS
SGG CLIMAPLUS TOTAL SAFE 33.1(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/8/6	NPD	NPD	2,20	74,60	0,11/0,11	47,00	0,16/0,15	0,60	PASS
SGG CLIMAPLUS N PROTECT 66.2(16 air)44.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	13/16/8	NPD	NPD	1,41	73,60	0,11/0,11	40,80	0,13/0,17	0,52	PASS
SGG CLIMAPLUS N PROTECT 66.2(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	13/16/8	NPD	NPD	1,18	73,60	0,11/0,11	40,80	0,13/0,17	0,52	PASS
SGG CLIMAPLUS S 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,6	67,04	0,11/0,11	47,50	0,21/0,20	0,66	PASS
SGG CLIMAPLUS TOTAL DIAMANT 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,65	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL DIAMANT 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	29(-1;-4)	NPD	1,32	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL DIAMANT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,40	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL DIAMANT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,16	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL DIAMANT 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,43	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL DIAMANT 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,19	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 DIAMANT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,40	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 DIAMANT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	29(-1;-4)	NPD	1,16	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 DIAMANT 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,43	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 DIAMANT 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,19	80,00	0,12/0,12	57,90	0,22/0,28	0,60	PASS
SGG CLIMAPLUS PROTECT SAFE COOL-LITE SKN174 II 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C2/1C2)/1B	200K/40K	6/16/9	NPD	NPD	1,1	66,99	0,11/0,12	34,78	0,27/0,23	0,41	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN174 II F2 8(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/16/9	NPD	NPD	1,1	66,39	0,11/0,12	34,17	0,25/0,23	0,40	PASS
SGG CLIMAPLUS PROTECT SAFE COOL-LITE SKN174 II 8(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	(1C2/1C2)/1B	200K/40K	8/16/10	NPD	NPD	1,1	66,00	0,11/0,12	33,58	0,25/0,21	0,40	PASS
SGG CLIMALIT SAFE 44.1(6 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	44.1/6/44.1	NPD	NPD	3,21	76,60	0,14/0,14	54,20	0,11/0,11	0,65	PASS
SGG CLIMALIT SAFE 44.1(6 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	44.1/6/6	NPD	NPD	3,23	77,70	0,14/0,14	57,70	0,11/0,12	0,66	PASS
SGG CLIMALIT SAFE 44.1(6 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	44.1/6/5	NPD	NPD	3,24	78,20	0,14/0,14	58,90	0,11/0,12	0,66	PASS
SGG CLIMALIT SAFE 55.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	55.1/12/55.1	NPD	NPD	2,8	76,87	0,14/0,14	55,67	0,11/0,11	0,66	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMALIT SAFE 55.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	55.1/12/44.1	NPD	NPD	2,8	77,57	0,14/0,14	57,33	0,11/0,11	0,66	PASS
SGG CLIMALIT SAFE OPALE 55.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	55.1/12/44.1	NPD	NPD	2,78	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALIT ACOUSTIC ARENA C 6(6 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/6/4	NPD	NPD	3,27	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(14 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/5	NPD	NPD	1,6	66,14	0,11/0,11	45,56	0,19/0,20	0,50	PASS
SGG CLIMALIT SILENCE 5(6 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/6/8	39(-2;-4)	NPD	3,24	78,20	0,14/0,14	58,90	0,12/0,11	0,71	PASS
SGG CLIMAPLUS ULTRA N F2 SILENCE 5(6 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/6/8	39(-2;-4)	NPD	2,00	77,00	0,11/0,11	47,10	0,23/0,17	0,56	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 5(6 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/6/8	39(-2;-4)	NPD	2,0	77,83	0,12/0,12	49,10	0,25/0,20	0,60	PASS
SGG CLIMALIT SILENCE 6(6 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/6/8	40(-2;-4)	NPD	3,2	79,23	0,14/0,14	62,42	0,12/0,11	0,72	PASS
SGG CLIMAPLUS ULTRA N F2 SILENCE 6(6 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/6/8	40(-2;-4)	NPD	1,99	76,50	0,11/0,11	46,30	0,22/0,17	0,56	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 6(6 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/6/8	40(-2;-4)	NPD	2,0	77,48	0,12/0,12	48,49	0,24/0,20	0,59	PASS
SGG CLIMALIT SILENCE 10(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/15/8	44(-2;-6)	NPD	2,6	77,78	0,14/0,14	58,15	0,11/0,11	0,68	PASS
SGG CLIMAPLUS ULTRA N F2 SILENCE 10(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/15/8	44(-2;-6)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,53	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 10(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/15/8	44(-2;-6)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,57	PASS
SGG CLIMALIT SILENCE 33.1(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	41(-2;-6)	NPD	2,8	78,99	0,14/0,14	60,88	0,12/0,11	0,70	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 33.1(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	41(-2;-6)	NPD	1,3	77,25	0,12/0,12	47,75	0,22/0,20	0,54	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 33.1(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	41(-2;-6)	NPD	1,3	77,25	0,12/0,12	47,75	0,22/0,20	0,58	PASS
SGG CLIMALIT SILENCE 55.1(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/6	42(-2;-6)	NPD	2,8	78,28	0,14/0,14	59,06	0,11/0,12	0,67	PASS
SGG CLIMAPLUS ULTRA N F2 SILENCE 55.1(12 argon)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/6	42(-2;-6)	NPD	1,3	76,56	0,12/0,12	46,60	0,19/0,22	0,52	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 55.1(12argon)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/6	42(-2;-6)	NPD	1,3	76,56	0,12/0,12	46,60	0,19/0,22	0,55	PASS
SGG CLIMALIT SILENCE 55.1(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/6	45(-2;-6)	NPD	2,6	77,57	0,14/0,14	57,33	0,11/0,11	0,66	PASS
SGG CLIMAPLUS ULTRA N F2 SILENCE 55.1(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/6	45(-2;-6)	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,52	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 55.1(15 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/6	45(-2;-6)	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,55	PASS
SGG CLIMALIT PROTECT SILENCE 66.2(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	46(-2;-6)	NPD	2,5	76,41	0,14/0,14	53,76	0,10/0,11	0,63	PASS
SGG CLIMAPLUS ULTRA N F2 PROTECT SILENCE 66.2(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	46(-2;-6)	NPD	1,1	74,74	0,12/0,12	43,50	0,16/0,19	0,50	PASS
SGG CLIMAPLUS ULTRA N F3 PROTECT SILENCE 66.2(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	46(-2;-6)	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMALIT PROTECT SILENCE 66.1Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	12/15/9	47(-2;-7)	NPD	2,5	76,64	0,14/0,14	54,64	0,11/0,11	0,64	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 66.1Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	12/15/9	47(-2;-7)	NPD	1,1	74,96	0,12/0,12	43,94	0,17/0,19	0,51	PASS
SGG CLIMAPLUS ULTRA N F3 PROTECT SILENCE 66.1Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	12/15/9	47(-2;-7)	NPD	1,1	74,96	0,11/0,12	43,94	0,17/0,19	0,54	PASS
SGG CLIMALIT PROTECT SILENCE 66.1Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	12/20/9	48(-2;-7)	NPD	2,6	76,64	0,14/0,14	54,64	0,11/0,11	0,64	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 66.1Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	12/20/9	48(-2;-7)	NPD	1,1	74,96	0,12/0,12	43,94	0,17/0,19	0,51	PASS
SGG CLIMAPLUS ULTRA N F3 PROTECT SILENCE 66.1Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	12/20/9	48(-2;-7)	NPD	1,1	74,96	0,11/0,12	43,94	0,17/0,19	0,54	PASS
SGG CLIMALIT PROTECT SILENCE 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49(-2;-7)	NPD	2,6	76,41	0,14/0,14	53,76	0,10/0,11	0,63	PASS
SGG CLIMAPLUS ULTRA N F2 PROTECT SILENCE 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49(-2;-7)	NPD	1,1	74,74	0,12/0,12	43,50	0,16/0,19	0,50	PASS
XXX CLIMAPLUS ULTRA N F3 PROTECT SILENCE 66.2Si(20 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49(-2;-7)	NPD	1,1	74,74	0,11/0,12	43,50	0,16/0,19	0,53	PASS
SGG CLIMALIT PROTECT SILENCE 66.2Si(24 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	50(-2;-7)	NPD	2,6	76,41	0,14/0,14	53,76	0,10/0,11	0,63	PASS
SGG CLIMAPLUS ULTRA N F2 PROTECT SILENCE 66.2Si(24 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	50(-2;-7)	NPD	1,2	74,74	0,12/0,12	43,50	0,16/0,19	0,50	PASS
SGG CLIMALIT PROTECT SILENCE 88.2Si(20 argon)55.1Si	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	17/20/10	51(-2;-7)	NPD	2,5	74,60	0,13/0,14	50,25	0,10/0,11	0,60	PASS
SGG CLIMAPLUS ULTRA N F2 PROTECT SILENCE 88.2Si(20 argon)55.1Si	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	17/20/10	51(-2;-7)	NPD	1,1	72,97	0,11/0,11	41,07	0,14/0,19	0,48	PASS
SGG CLIMAPLUS ULTRA N F3 PROTECT SILENCE 88.2Si(20 argon)55.1Si	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	17/20/10	51(-2;-7)	NPD	1,1	72,97	0,11/0,12	41,07	0,14/0,18	0,51	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN174 II F2 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	33(-1;-4)	NPD	1,1	68,00	0,11/0,12	37,32	0,27/0,30	0,41	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN174 II 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2//1C2	200K/200K	8/16/6	35(-2;-6)	NPD	1,1	67,39	0,11/0,12	36,62	0,25/0,30	0,40	PASS
SGG CLIMAPLUS ULTRA N F3 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	1,4	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS 4S BIOCLEAN PROTECT 4(14 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/14/9	NPD	NPD	1,15	67,00	0,15/0,14	34,70	0,36/0,22	0,41	PASS
SGG CLIMAPLUS 4S F2 PROTECT SILENCE 10(15 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	10/15/10	NPD	NPD	1,1	67,15	0,11/0,13	33,21	0,24/0,22	0,39	PASS
SGG CLIMAPLUS 4S PROTECT 66.2(15 argon)44.4	NPD	NPD	NPD	NPD	NPD	P2A/P4A	1B1/1B1	40K/40K	13/15/10	NPD	NPD	1,10	65,00	0,11/0,12	31,40	0,17/0,20	0,37	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,22/0,22	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	4/16/10	NPD	NPD	1,1	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	4/10/10	NPD	NPD	1,4	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 SWS 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/4	32(-2;-4)	NPD	1,12	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS SECURIT ULTRA N F3 SWS 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C3	200K/200K	6/16/4	32(-2;-4)	NPD	1,12	78,60	0,12/0,11	51,60	0,22/0,24	0,60	PASS
SGG CLIMAPLUS SECURIT ULTRA N F3 SWS 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	NPD	1,13	79,50	0,12/0,11	53,50	0,24/0,25	0,63	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN172 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/15/9	36(-1;-4)	NPD	1,1	65,01	0,09/0,11	33,97	0,25/0,22	0,40	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE ST150 F2 ULTRA N F3 6(16 air)44.	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C2/1C2*)/1I	200K/40K	6/16/9	NPD	NPD	1,4	44,34	0,19/0,19	27,17	0,20/0,23	0,36	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE ST150 F2 ULTRA N F3 6(16 argon	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C2/1C2*)/1I	200K/40K	6/16/9	NPD	NPD	1,1	44,34	0,19/0,19	27,17	0,20/0,23	0,36	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST150 F2 ULTRA N F3 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	NPD	NPD	1,1	45,01	0,19/0,19	29,45	0,20/0,29	0,36	PASS
SGG CLIMAPLUS PROTECT SAFE COOL-LITE SKN174 II 6(14 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A	(1C2/1C2)/1B	200K/40K	6/14/9	NPD	NPD	1,4	66,99	0,11/0,12	34,78	0,27/0,23	0,41	PASS
SGG CLIMALIT PARSOL GREY 4(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/5	32(0;-3)	NPD	2,75	49,5	0,08/0,01	20	0,08/0,01	0,20	PASS
SGG CLIMALIT PARSOL GREEN SECURIT 4(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/5	32(0;-3)	NPD	2,75	49,6	0,08/0,01	20,2	0,08/0,01	0,2	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S 44.1 (15 air) 88.2	A1/NPD	NPD	NPD	NPD	NPD	NPD	2B2/1B1	40K/40K	9/15/17	NPD	NPD	1,5	61,84	0,11/0,11	35,96	0,15/0,12	0,46	PASS

Leistungserklärung

FGT Glaswerk GmbH
Industriepark Kleinkoschen, D-01968 Senftenberg

EN 1279-5:2005+A2:2010

Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken **System zur Bewertung der Leistungsbeständigkeit : 3**

Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS SAFE PLANITHERM S 44.1(20 air)88.2	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1B1	40K/40K	9/20/17	NPD	NPD	1,5	61,84	0,11/0,11	35,96	0,15/0,12	0,46	PASS
SGG CLIMAPLUS PROTECT ULTRA N 6(14 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	6/14/10	NPD	NPD	1,1	76,33	0,12/0,12	45,82	0,24/0,16	0,56	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN174 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	67,20	0,11/0,12	35,31	0,28/0,25	0,41	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN154 F2 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,0	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS N ANTELIO CLEAR 5(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/4	NPD	NPD	2,92	41,80	0,28/0,34	43,00	0,22/0,26	0,50	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(12air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1;-4)	NPD	1,8	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS ULTRA N 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	NPD	NPD	1,12	76,80	0,11/0,11	48,40	0,20/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N 10(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/6	NPD	NPD	1,12	76,80	0,11/0,11	48,40	0,20/0,22	0,58	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 10(20 argon)44.1SI	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/8	45(-1;-5)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,53	PASS
SGG CLIMAPLUS COOL-LITE KN 169 6(12air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,8	62	0,17/0,11	40	0,23/0,23	0,45	PASS
SGG CLIMAPLUS SECURIT COOL-LITE KN 169 6(12air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	6/12/4	33(-1;-4)	NPD	1,5	62	0,17/0,11	40	0,23/0,23	0,45	PASS
SGG CLIMAPLUS COOL-LITE KN 169 6(12air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,8	61	0,17/0,11	39	0,23/0,22	0,45	PASS
SGG CLIMAPLUS SAFE COOL-LITE 169 6(12air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/7	NPD	NPD	1,8	60,82	0,17/0,11	38,01	0,23/0,20	0,44	PASS
SGG CLIMAPLUS SAFE COOL-LITE KN 169 6(12air)33.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/7	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE COOL-LITE KN169 8(14air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/11	NPD	NPD	1,6	59,20	0,16/0,11	35,32	0,22/0,17	0,43	PASS
SGG CLIMAPLUS SAFE COOL-LITE KN 169 4(14air)55.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/11	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE COOL-LITE 169 8(14air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/11	NPD	NPD	1,6	59,20	0,16/0,11	35,32	0,22/0,17	0,43	PASS
SGG CLIMAPLUS ONE 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,0	71,00	0,22/0,23	44,10	0,39/0,39	0,50	PASS
SGG CLIMAPLUS ONE BIOCLEAN 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,0	69,07	0,24/0,25	42,63	0,38/0,40	0,48	PASS
SGSGG CLIMAPLUS ONE ACOUSTIC F3 10(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/15/6	36(-1;-3)	NPD	1,0	68,43	0,21/0,23	39,90	0,30/0,35	0,46	PASS
SGG CLIMAPLUS ONE SILENCE 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	39(-1;-6)	NPD	1,0	68,66	0,22/0,22	39,05	0,35/0,28	0,49	PASS
SGG CLIMAPLUS PROTECT ONE F3 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	40K/40K	6/15/8	37(-2;-6)	NPD	1,0	68,66	0,22/0,22	39,05	0,35/0,28	0,49	PASS
SGG CLIMAPLUS ONE PROTECT 6(15 argon)44.3	NPD	NPD	NPD	NPD	NPD	NPD/P3A	NPD	40K/40K	6/15/9	37(-2;-6)	NPD	1,04	68	0,22/0,22	43,5	0,36/0,37	0,47	PASS
SGG CLIMAPLUS ONE PROTECT 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD	40K/40K	6/15/9	NPD	NPD	1,0	68,66	0,22/0,22	39,05	0,35/0,28	0,49	PASS
SGG CLIMAPLUS ONE PROTECT 6(15 argon)SP 510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD	40K/40K	6/15/9	NPD	NPD	1,0	68,66	0,22/0,22	39,05	0,35/0,28	0,49	PASS
SGG CLIMAPLUS ONE PROTECT 6(15 argon)SP 615	NPD	NPD	NPD	NPD	NPD	NPD/P6B	NPD	40K/40K	6/15/15	NPD	NPD	1,04	65	0,22/0,22	43,50	0,36/0,37	0,45	PASS
SGG CLIMAPLUS ONE PROTECT 6(15 argon)SP 722	NPD	NPD	NPD	NPD	NPD	NPD/P7B	NPD	40K/40K	6/15/22	NPD	NPD	1,04	64	0,21/0,21	43,50	0,36/0,37	0,45	PASS
SGG CLIMAPLUS ONE PROTECT 6(15 argon)SP 827	NPD	NPD	NPD	NPD	NPD	NPD/P8B	NPD	40K/40K	6/15/27	NPD	NPD	1,04	60	0,21/0,21	43,50	0,36/0,37	0,45	PASS
SGG CLIMAPLUS PROTECT 4S 6(16 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	200K/40K	NPD	NPD	NPD	1,3	68,17	0,12/0,13	34,48	0,30/0,23	0,41	PASS
SGG CLIMAPLUS 4S PROTECT 8(12 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	200K/40K	8/12/12	NPD	NPD	1,6	66,96	0,11/0,12	33,33	0,27/0,21	0,40	PASS
SGG CLIMAPLUS SAFE 4S 6(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS RELAX 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,07	69,50	0,12/0,10	38,80	0,32/0,52	0,42	PASS
SGG CLIMAPLUS RELAX 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,13	69,51	0,10/0,13	38,80	0,32/0,32	0,42	PASS
SGG CLIMAPLUS RELAX 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,15	69,52	0,12/0,10	38,80	0,32/0,32	0,52	PASS
SGG CLIMAPLUS RELAX 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	NPD	NPD	1,12	69,50	0,12/0,10	38,80	0,32/0,32	0,52	PASS
SGG CLIMAPLUS RELAX 4(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,05	69,50	0,12/0,10	38,80	0,32/0,32	0,52	PASS
SGG CLIMAPLUS RELAX SILENCE 4(16 argon)44.1 Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,12	67,70	0,12/0,10	35,50	0,32/0,22	0,52	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN454 6(16 argon)5 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/6	33(-1;-4)	NPD	1,12	41,60	0,14/0,20	27,60	0,11/0,39	0,22	PASS
SGG CLIMAPLUS PROTECT SILENCE SKN172 F2 8(16 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	200 K/40K	8/16/11	43(-2;-6)	NPD	1,1	65,81	0,11/0,12	33,64	0,26/0,22	0,40	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 6(10 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS ULTRA N SAFE 33.1 COLOR GREEN(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/6	NPD	NPD	1,61	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N PARSOL GREY 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1;-4)	NPD	1,35	49,20	0,07/0,10	35,40	0,14/0,22	0,45	PASS
SGG CLIMAPLUS COOL-LITE SKN174 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD	40K/40K	6/12/6	NPD	NPD	1,3	68,01	0,11/0,12	37,36	0,28/0,31	0,41	PASS
SGG CLIMAPLUS ULTRA N SAFE 6(10 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ONE F3 66.2Si(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	NPD	NPD	1,0	66,41	0,21/0,22	35,92	0,24/0,28	0,44	PASS
SGG CLIMAPLUS ONE SAFE 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD/2B2	NPD	40K/40K	6/16/6	NPD	NPD	1,0	69,50	0,22/0,23	40,48	0,36/0,32	0,49	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 4(24 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/24/6	NPD	NPD	1,2	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SAFE 4S 8(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/6	NPD	NPD	1,6	69,00	0,12/0,13	35,53	0,27/0,28	0,41	PASS
SGG CLIMAPLUS SAFE 4S 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,6	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS 4S PROTECT 44.2(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/16/9	NPD	NPD	1,12	67,10	0,12/0,13	33,60	0,23/0,21	0,39	PASS
SGG CLIMAPLUS 4S PROTECT 66.2(10 argon)55.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/10/11	NPD	NPD	1,10	64,60	0,11/0,12	31,10	0,17/0,19	0,38	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,6	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS COOL-LITE SKN165 SWS8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/8	NPD	NPD	1,1	58,94	0,16/0,17	28,79	0,29/0,33	0,32	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN165 SWS 10(14 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/14/8	NPD	NPD	1,1	58,23	0,16/0,17	27,16	0,26/0,30	0,32	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 SWS 8(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/16/9	37(-2;-5)	NPD	1,1	58,59	0,16/0,17	27,29	0,29/0,28	0,32	PASS
SGG CLIMAPLUS SILENCE ANTELIO SILVER F2 ONE F3 SWS 6(16 argon)33.1S	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,04	53,4	0,37/0,36	31,4	0,40/0,037	0,38	PASS
SGG CLIMAPLUS COOL-LITE SKN165 8(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,1	58,76	0,16/0,17	27,63	0,29/0,30	0,32	PASS
SGG CLIMAPLUS ACOUSTIC ONE F3 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,0	70,35	0,22/0,23	43,04	0,36/0,39	0,49	PASS
SGG CLIMAPLUS ONE 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	33(-1;-4)	NPD	1,0	69,71	0,22/0,23	42,02	0,36/0,36	0,49	PASS

CE	Leistungserklärung				FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg													
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT ONE F2 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	37(-1;-4)	NPD	1,0	68,66	0,23/0,21	39,05	0,35/0,28	0,45	PASS
SGG CLIMAPLUS COOL-LITE STB 136 6(12air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	2,7	32,19	0,18/0,21	23,82	0,16/0,22	0,33	PASS
SGG CLIMAPLUS N COOL-LITE STB136 6(12air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,66	32	0,17/0,18	19	0,17/0,22	0,28	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,4	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS SECURIT ACOUSTIC COOL-LITE ST167 F2 6(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/8/4	33(-1;-4)	NPD	3,10	60,00	0,22/0,23	52,00	0,17/0,19	0,59	PASS
SGG CLIMAPLUS PLANITHERM S ARENA C 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S 6(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/6	NPD	NPD	1,61	69,10	0,12/0,13	35,90	0,29/0,26	0,42	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM S 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,8	66,44	0,11/0,11	46,19	0,19/0,21	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S 6(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/6	NPD	NPD	2,2	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS 4S SAFE 6(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,1	68,2	0,12/0,13	35,10	0,29/0,23	0,42	PASS
SGG CLIMAPLUS N SILENCE 55.1Si(20 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/20/12	44(-1;-6)	NPD	1,4	74,70	0,12/0,12	42,40	0,15/0,17	0,54	PASS
SGG CLIMAPLUS PLANITHERM S 4(6air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/6/4	NPD	NPD	2,6	67	0,11/0,11	47	0,20/0,21	0,53	PASS
SGG CLIMAPLUS SAFE 4S 66.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/8	NPD	NPD	1,6	66,0	0,11/0,13	32,10	0,18/0,23	0,39	PASS
SGG CLIMAPLUS SAFE N 33.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/8	NPD	NPD	1,90	76,10	0,12/0,12	44,70	0,18/0,17	0,58	PASS
SGG CLIMAPLUS 4S 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	2,1	71,10	0,12/0,13	39,14	0,33/0,34	0,43	PASS
SGG CLIMAPLUS 4S 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,8	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS 4S 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1;-4)	NPD	1,6	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS 4S 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,1	69,83	0,12/0,13	37,66	0,30/0,31	0,42	PASS
SGG CLIMAPLUS 4S 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,8	69,83	0,12/0,13	37,66	0,30/0,31	0,42	PASS
SGG CLIMAPLUS 4S 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,6	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS 4S 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	NPD	NPD	1,4	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS SAFE 4S F2 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	2,1	69,00	0,12/0,13	36,10	0,32/0,23	0,42	PASS
SGG CLIMAPLUS SAFE 4S 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/12	NPD	NPD	2,1	68,00	0,12/0,12	34,10	0,32/0,19	0,42	PASS
SGG CLIMAPLUS SAFE 4S 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,1	69	0,12/0,13	36,10	0,23/0,32	0,41	PASS
SGG CLIMAPLUS SAFE 4S 66.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/4	NPD	NPD	2,1	68	0,11/0,13	34,10	0,19/0,32	0,40	PASS
SGG CLIMAPLUS PLANITHERM S 4(8air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	2,2	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS PLANITHERM S 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	2,0	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS PLANITHERM S 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,5	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS PLANITHERM S F2 6(8air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,2	65,85	0,11/0,11	44,94	0,19/0,20	0,51	PASS
SGG CLIMAPLUS PLANITHERM S 6(10air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,9	65,85	0,11/0,11	44,94	0,19/0,20	0,51	PASS
SGG CLIMAPLUS PLANITHERM S 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	33(-1;-4)	NPD	1,5	65,85	0,11/0,11	44,94	0,19/0,20	0,50	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,2	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/12	NPD	NPD	2,2	64,48	0,11/0,11	40,71	0,20/0,14	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,2	65	0,11/0,11	42	0,15/0,20	0,48	PASS
SGG CLIMAPLUS PLANITHERM S 66.1(8air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/4	NPD	NPD	2,2	64	0,11/0,11	39	0,13/0,20	0,45	PASS
SGG CLIMAPLUS N F2 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	2,13	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,4	80,1	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SGG CLIMAPLUS N F2 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,1	78,10	0,12/0,12	49,10	0,21/0,21	0,56	PASS
SGG CLIMAPLUS N F2 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,9	78,1	0,12/0,12	49,10	0,21/0,21	0,56	PASS
SGG CLIMAPLUS N F2 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,4	78,1	0,12/0,12	49,10	0,21/0,21	0,56	PASS
SGG CLIMAPLUS N F2 SAFE 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	2,1	77,1	0,12/0,12	47,1	0,23/0,17	0,57	PASS
SGG CLIMAPLUS N F2 SAFE 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/12	NPD	NPD	2,1	76	0,12/0,11	44,1	0,23/0,14	0,56	PASS
SGG CLIMAPLUS N F2 SAFE 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,1	77	0,12/0,12	47	0,17/0,23	0,53	PASS
SGG CLIMAPLUS N F2 SAFE 66.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/4	NPD	NPD	2,1	76	0,11/0,12	44	0,14/0,23	0,50	PASS
SGG CLIMAPLUS N 4(08 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	2,1	79,48	0,12/0,12	55,20	0,25/0,24	0,63	PASS
SGG CLIMAPLUS N 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,9	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N 6(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,1	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,9	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,7	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SGG CLIMAPLUS N F3 SAFE 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/8	NPD	NPD	2,1	78,18	0,12/0,12	49,72	0,27/0,20	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/12	NPD	NPD	2,0	76,78	0,12/0,12	47,32	0,26/0,17	0,60	PASS
SGG CLIMAPLUS N F3 SAFE 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,1	77,1	0,12/0,12	47,1	0,17/0,23	0,57	PASS
SGG CLIMAPLUS N F3 SAFE 66.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,1	76,1	0,11/0,12	44,1	0,14/0,23	0,54	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	2,0	77,39	0,12/0,12	55,29	0,20/0,23	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	2,2	77,39	0,12/0,12	55,29	0,20/0,23	0,60	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	31(-1;-4)	NPD	2,2	76,00	0,12/0,12	52,28	0,19/0,21	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	31(-1;-4)	NPD	1,9	76,00	0,12/0,12	52,28	0,19/0,21	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,8	76,00	0,12/0,12	52,28	0,19/0,21	0,58	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS TOTAL 1.3 F2 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,5	76,00	0,12/0,12	52,28	0,19/0,21	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 SAFE 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	2,20	75,00	0,12/0,11	48,10	0,19/0,15	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 SAFE 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/12	NPD	NPD	2,20	73,00	0,11/0,11	45,10	0,19/0,13	0,57	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 SAFE 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/8/4	NPD	NPD	2,20	75,00	0,11/0,11	48,10	0,14/0,20	0,54	PASS
SGG CLIMAPLUS TOTAL 1.3 F2 SAFE 66.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/4	NPD	NPD	2,18	73,00	0,11/0,11	44,7	0,12/0,20	0,51	PASS
SGG CLIMAPLUS TOTAL 1.3 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	29(-1;-4)	NPD	2,0	77,39	0,12/0,12	55,29	0,23/0,20	0,65	PASS
SGG CLIMAPLUS TOTAL 1.3 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	31(-1;-4)	NPD	2,2	76,00	0,12/0,12	52,28	0,21/0,19	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	31(-1;-4)	NPD	1,9	76,00	0,12/0,12	52,28	0,21/0,19	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,20	75,00	0,11/0,11	48,10	0,20/0,14	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/12	NPD	NPD	2,20	73,00	0,11/0,11	45,10	0,20/0,12	0,63	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,20	75,10	0,11/0,12	48,10	0,15/0,19	0,58	PASS
SGG CLIMAPLUS TOTAL 1.3 SAFE 66.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/4	NPD	NPD	2,20	73,00	0,11/0,11	45,10	0,13/0,19	0,55	PASS
SGG CLIMAPLUS ULTRA N F2 4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	2,1	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,8	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-4)	NPD	1,4	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,1	78,42	0,12/0,12	51,83	0,24/0,25	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,8	78,42	0,12/0,12	51,83	0,24/0,25	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,6	78,42	0,12/0,12	51,83	0,24/0,25	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	31(-1;-4)	NPD	1,4	78,42	0,12/0,12	51,83	0,24/0,25	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 8(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	2,0	76,78	0,12/0,12	47,31	0,22/0,20	0,55	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(8 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/12	NPD	NPD	2,0	76,78	0,12/0,12	47,31	0,26/0,18	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 44.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/8/4	NPD	NPD	2,1	78,18	0,12/0,12	49,72	0,20/0,27	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/4	NPD	NPD	2,0	76,78	0,12/0,12	47,32	0,17/0,26	0,52	PASS
SGG CLIMAPLUS PLANITHERM S SATINOVO MATE 6(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	2,2	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT SILENCE SECURIT COOL-LITE SKN174 II 8(20 air)5!	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2//1B1	200K/40K	8/20/11	NPD	NPD	1,4	65,80	0,11/0,12	33,59	0,25/0,22	0,40	PASS
SGG CLIMAPLUS PLANITHERM S 4(8 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/5	NPD	NPD	2,2	66,74	0,11/0,11	46,83	0,20/0,20	0,52	PASS
SGG CLIMAPLUS PLANITHERM S 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,8	65,85	0,11/0,11	44,94	0,19/0,20	0,50	PASS
SGG CLIMAPLUS PROTECT 4S 10(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/12/11	NPD	NPD	1,6	66,95	0,11/0,13	33,22	0,24/0,22	0,40	PASS
SGG CLIMAPLUS PROTECT 4S 6(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,6	68,17	0,12/0,13	34,48	0,30/0,23	0,41	PASS
SGG CLIMAPLUS PROTECT 4S 6(10 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/10/13	NPD	NPD	1,8	67,56	0,12/0,12	33,90	0,30/0,21	0,41	PASS
SGG CLIMAPLUS PLANITHERM S F2 SILENCE 4(10 air)44.1 Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,9	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT155 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,9	46	0,17/0,10	28	0,19/0,15	0,37	PASS
SGG CLIMAPLUS PLANITHERM S 4(10 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	2,0	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM S F2 6(10 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	2,0	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE SILENCE 55.1Si(16 argon)44.1 Ultra N F3	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/8	NPD	NPD	1,1	75,87	0,12/0,12	45,49	0,19/0,20	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE 55.1Si(16 argon)44.2 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/9	NPD	NPD	2,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SAFE PLANITHERM S 44.1(14 air) 10 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C1	40K/200K	8/14/10	NPD	NPD	1,61	66	0,11/0,11	43	0,15/0,23	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PLANITHERM S 6(10air)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/10	NPD	NPD	1,9	64,66	0,11/0,11	42,33	0,18/0,17	0,50	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM S F2 6(16air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,5	66,44	0,11/0,11	46,19	0,19/0,21	0,50	PASS
SGG CLIMAPLUS PLANITHERM S 4(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	33(-1;-4)	NPD	1,8	66,74	0,11/0,11	46,83	0,20/0,20	0,52	PASS
SGG CLIMAPLUS COOL-LITE KNT140 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,8	37,00	0,23/0,12	23,17	0,24/0,24	0,28	PASS
SGG CLIMAPLUS COOL-LITE KNT155 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,9	47,00	0,17/0,10	31,66	0,19/0,20	0,37	PASS
SGG CLIMAPLUS COOL-LITE KNT164 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,9	57,01	0,14/0,10	40,19	0,16/0,17	0,46	PASS
SGG CLIMAPLUS COOL-LITE KBT140 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,8	36,00	0,24/0,17	24,04	0,22/0,26	0,30	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/5	NPD	NPD	1,8	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N ANTELIO BRONZE F2 5(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/4	NPD	NPD	1,8	24	0,13/0,30	19	0,16/0,35	0,27	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,1	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	34(-1;-5)	NPD	1,6	79,13	0,12/0,12	53,22	0,26/0,25	0,58	PASS
SGG CLIMAPLUS PLANITHERM S 4(8 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	2,21	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S 4(8 air)4 THELA	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	2,21	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S 4(8 air)4 MARIS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	2,21	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S 4(8 air)4 NEMO	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	29(-1;-4)	NPD	2,21	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S 4(8 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	29(-1;-4)	NPD	2,2	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALPLUS PLANITHERM S 6(8 air)6 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/4	31(-1;-4)	NPD	2,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALPLUS PLANITHERM S 6(8 air)6 THELA	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	31(-1;-4)	NPD	2,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALPLUS PLANITHERM S 6(8 air)6 MARIS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	31(-1;-4)	NPD	2,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMALPLUS PLANITHERM S 6(8 air)6 NEMO	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	31(-1;-4)	NPD	2,20	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S 4(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/6	NPD	NPD	2,2	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS

CE	Leistungserklärung						FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg											
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SAFE PLANITHERM S 4(8 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/10	NPD	NPD	2,2	65,06	0,11/0,11	41,75	0,20/0,15	0,51	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S 6(8 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	6/8/7	NPD	NPD	2,2	65,45	0,11/0,11	42,10	0,18/0,17	0,50	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 6(8 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	6/8/9	NPD	NPD	2,2	64,87	0,11/0,11	41,04	0,18/0,15	0,50	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S 6(8 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	6/8/11	NPD	NPD	2,2	64,29	0,11/0,11	40,03	0,18/0,14	0,50	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S 6(8 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	6/8/13	NPD	NPD	2,2	63,71	0,11/0,11	39,07	0,18/0,14	0,49	PASS
SGG CLIMAPLUS PLANITHERM S F2 SILENCE 6(12 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,7	63,90	0,11/0,11	39,72	0,18/0,14	0,49	PASS
SGG CLIMAPLUS PLANITHERM S F2 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	2,0	66,44	0,11/0,11	46,19	0,19/0,21	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,6	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS N F2 SAFE 44.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/10	NPD	NPD	1,6	75	0,12/0,11	42,4	0,17/0,15	0,52	PASS
SGG CLIMAPLUS SAFE 4S 5(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/8/6	NPD	NPD	2,1	70	0,12/0,13	36	0,30/0,25	0,42	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 66.2(24 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	NPD	NPD	1,6	62,77	0,11/0,11	37,25	0,13/0,15	0,44	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 66.2(24 air)44.2 SATINOVO M	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/24/9	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N PROTECT 6(15 argon)SP615B	NPD	NPD	NPD	NPD	NPD	NPD/P6B	NPD/1B1	40K/40K	6/15/15	NPD	NPD	1,1	73,00	0,11/0,11	41	0,21/0,11	0,55	PASS
SGG CLIMAPLUS PLANITHERM S F2 SAFE SILENCE 6(14 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,6	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,8	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS SAFE 4S 6(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/6	NPD	NPD	1,4	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,8	66,14	0,11/0,11	45,56	0,19/0,20	0,51	PASS
SGG CLIMAPLUS N F2 ACOUSTIC 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,5	78	0,12/0,12	50	0,21/0,22	0,56	PASS
SGG CLIMAPLUS N F3 ACOUSTIC 5(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/6	NPD	NPD	1,4	78,40	0,12/0,12	52,97	0,24/0,22	0,63	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT164 F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/8	NPD	NPD	1,9	56,33	0,14/0,10	37,29	0,16/0,14	0,46	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 air)44.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,8	64,29	0,11/0,11	40,03	0,15/0,16	0,47	PASS
SGG CLIMAPLUS PLANITHERM S 6(12 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	NPD	NPD	1,78	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(14 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/8	37(-1;-5)	NPD	1,4	77,71	0,12/0,12	50,50	0,24/0,23	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 SATINOVO MATE 6(14 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/8	37(-1;-5)	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/6	NPD	NPD	1,9	64,87	0,11/0,11	41,04	0,15/0,17	0,47	PASS
SGG CLIMAPLUS ACOUSTIC N F2 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	34(-1;-5)	NPD	1,7	79	0,12/0,12	52	0,23/0,22	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,6	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 165 10(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/15/11	NPD	NPD	1,1	57,54	0,16/0,16	26,43	0,26/0,26	0,32	PASS
SGG CLIMAPLUS SECURIT HST PROTECT COOL-LITE SKN165 II 10(20 air)1010	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C1/1B1	200K/40K	10/20/21	NPD	NPD	1,3	55,02	0,15/0,15	24,49	0,24/0,17	0,32	PASS
SGG CLIMAPLUS PLANITHERM S 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,6	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS PLANITHERM S 4(15 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,6	66,44	0,11/0,11	46,19	0,19/0,21	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/6	NPD	NPD	1,9	65,06	0,11/0,11	41,75	0,16/0,19	0,48	PASS
SGG CLIMAPLUS PLANITHERM S F2 F3 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,8	54,17	0,09/0,09	33,08	0,19/0,19	0,47	PASS
SGG CLIMAPLUS PLANITHERM S F2 SILENCE 6(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	40(-2;-6)	NPD	1,5	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS PLANITHERM S F3 BIOCLEAN ACOUSTIC 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	2,0	64,39	0,14/0,13	44,29	0,21/0,21	0,61	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT155 8(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/16/12	NPD	NPD	1,6	45,22	0,17/0,10	27,33	0,18/0,15	0,36	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT155 8(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/10	NPD	NPD	1,9	45,63	0,17/0,10	27,99	0,18/0,16	0,36	PASS
SGG CLIMAPLUS PLANITHERM S ACOUSTIC 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	34(-1;-5)	NPD	1,8	66,44	0,11/0,11	46,19	0,20/0,20	0,52	PASS
SGG CLIMAPLUS 4S 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,5	71,10	0,12/0,13	39,14	0,33/0,34	0,42	PASS
SGG CLIMAPLUS PLANITHERM S 4(15 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	1,9	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE ST120 F2 PLANITHERM S F3 66.1S	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/12/6	NPD	NPD	1,7	14,44	0,31/0,21	8,70	0,22/0,25	0,16	PASS
SGG CLIMAPLUS SAFE 4S 66.1(14 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/14/12	NPD	NPD	1,4	64	0,11/0,12	31	0,18/0,18	0,38	PASS
SGG CLIMAPLUS 4S F2 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,5	70,46	0,12/0,13	38,39	0,33/0,31	0,42	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154 II F2 10(16 air)12	NPD	NPD	NPD	NPD	NPD	NPD	1C1/NPD	200K/40K	10/16/12	NPD	NPD	1,3	47,70	0,17/0,25	22,01	0,27/0,32	0,27	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN154 II F2 10(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	10/16/12	41(-1;-3)	NPD	1,3	47,68	0,17/0,25	21,39	0,27/0,31	0,26	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,8	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS ACOUSTIC N F2 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,9	79	0,12/0,12	51,00	0,23/0,21	0,57	PASS
SGG CLIMAPLUS SECURIT ACOUSTIC COOL-LITE KNT164 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/5	NPD	NPD	1,9	58	0,14/0,10	40	0,16/0,17	0,46	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/8	NPD	NPD	1,9	64,29	0,11/0,11	40,03	0,15/0,16	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/10	NPD	NPD	1,9	63,71	0,11/0,11	39,06	0,15/0,15	0,47	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT155 8(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/10/8	NPD	NPD	2,0	46,03	0,17/0,10	28,67	0,18/0,17	0,36	PASS
SGG CLIMAPLUS N F2 ARENA C F4 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,87	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,5	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PROTECT SAFE COOL-LITE SKN174 II F2 SWS 10(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C1/1C1*)/1I	200K/40K	10/20/9	NPD	NPD	1,1	65,79	0,11/0,12	33,46	0,22/0,23	0,39	PASS

CE	Leistungserklärung						FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg											
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SAFE PLANITHERM S F3 33.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	1,8	66,24	0,11/0,11	43,97	0,18/0,20	0,61	PASS
SGG CLIMAPLUS PROTECT SILENCE SAFE COOL-LITE SKN174 II F2 SPS 10(20	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C1/1C1*)/1I	200K/40K	10/20/9	NPD	NPD	1,1	65,79	0,11/0,12	33,46	0,22/0,23	0,39	PASS
SGG CLIMAPLUS PROTECT SILENCE SAFE COOL-LITE SKN174 II F2 10(20 argo	NPD	NPD	NPD	NPD	NPD	NPD/P2A	(1C1/1C1*)/1I	200K/40K	10/20/9	NPD	NPD	1,1	65,79	0,11/0,12	33,46	0,22/0,23	0,39	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,8	70,46	0,12/0,13	38,39	0,30/0,34	0,42	PASS
SGG CLIMAPLUS SILENCE SAFE PLANITHERM S F3 66.1Si(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/8/6	NPD	NPD	2,2	63,90	0,11/0,11	39,72	0,14/0,18	0,56	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154 II 10(12 air)10	NPD	NPD	NPD	NPD	NPD	NPD	1C1/NPD	200K/40K	10/12/10	NPD	NPD	1,5	48,26	0,18/0,25	22,44	0,27/0,36	0,27	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	2,0	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS PLANITHERM S 6(14 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,63	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S ACOUSTIC 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,6	66,44	0,11/0,11	46,19	0,19/0,21	0,51	PASS
SGG CLIMAPLUS ONE 4(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	30(-0;-4)	NPD	1,07	70,90	0,22/0,22	44	0,36/0,37	0,49	PASS
SGG CLIMAPLUS ULTRA N ZBR110 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE SAFE PLANITHERM S F3 66.1Si(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/15/6	42(-2;-6)	NPD	1,5	63,90	0,11/0,11	39,72	0,14/0,18	0,56	PASS
SGG CLIMAPLUS PLANITHERM S 4(12 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT ONE II DIAMANT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,0	72,04	0,22/0,23	46,85	0,38/0,44	0,51	PASS
SGG CLIMAPLUS SECURIT ONE II DIAMANT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,3	72,04	0,22/0,23	46,85	0,38/0,44	0,51	PASS
SGG CLIMAPLUS SECURIT ONE II DIAMANT 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,0	72,95	0,22/0,23	48,89	0,43/0,44	0,54	PASS
SGG CLIMAPLUS SECURIT ONE II DIAMANT 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,3	72,95	0,22/0,23	48,89	0,43/0,44	0,54	PASS
SGG CLIMAPLUS SECURIT ONE II DIAMANT 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,0	72,04	0,22/0,23	46,85	0,38/0,44	0,52	PASS
SGG CLIMAPLUS SECURIT ONE II DIAMANT 4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,0	72,95	0,22/0,23	48,89	0,43/0,44	0,54	PASS
SGG CLIMAPLUS N ACOUSTIC 6(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,4	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN154 F2 64.2(10 argon)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	11/10/10	NPD	NPD	1,4	47,96	0,17/0,21	21,47	0,25/0,32	0,26	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN154 64.2(10 argon)SP510	NPD	NPD	NPD	NPD	NPD	P2A/P5A	1B1/1B1	40K/40K	11/10/10	NPD	NPD	1,4	47	0,17/0,19	21	0,23/0,23	0,26	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SATINOVO MATE 44.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 SATINOVO MATE 4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/12/9	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N 8(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,4	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N 10(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	36(-1;-4)	NPD	1,4	77,69	0,12/0,12	50,13	0,20/0,26	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SILENCE 44.2Si(14 air)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/14/8	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,19/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SILENCE 44.2Si(12 air)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/10	42(-1;-4)	NPD	1,6	75,85	0,12/0,12	45,16	0,19/0,20	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SILENCE 64.2Si(12 air)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/12/9	NPD	NPD	1,6	75,42	0,12/0,12	44,52	0,18/0,19	0,54	PASS
SGG CLIMAPLUS ULTRA N 4(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS N SAFE 33.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,4	78	0,12/0,12	49	0,19/0,23	0,58	PASS
SGG CLIMAPLUS N SAFE 44.1(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/14/6	NPD	NPD	1,5	77	0,12/0,12	46	0,17/0,21	0,56	PASS
SGG CLIMAPLUS N SAFE 33.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	1,9	78	0,12/0,12	49	0,19/0,23	0,58	PASS
SGG CLIMAPLUS N SAFE OPALE 33.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,4	67	0,10/0,11	42	0,16/0,23	0,51	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA F3 N 8(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,1	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N 10(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	36(-1;-4)	NPD	1,1	78	0,11/0,11	50	0,20/0,24	0,59	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SILENCE 44.2Si(14 argon*)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/14/8	NPD	NPD	1,2	75	0,11/0,11	44	0,16/0,19	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SILENCE 44.2Si(12 argon*)10	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/10	42(-1;-4)	NPD	1,3	76	0,11/0,11	44	0,16/0,20	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SILENCE 64.2Si(12 argon*)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/12/9	NPD	NPD	1,3	74	0,11/0,11	42	0,15/0,17	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/15/6	NPD	NPD	1,1	76,56	0,12/0,12	46,26	0,17/0,22	0,55	PASS
SGG CLIMAPLUS PLANITHERM ONE F3 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,0	71,00	0,22/0,23	44,10	0,39/0,39	0,50	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM ONE 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	36(-2;-5)	NPD	1,0	69,71	0,22/0,23	42,02	0,33/0,39	0,48	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM ONE 10(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/4	36(-1;-4)	NPD	1,0	69,06	0,21/0,23	40,81	0,30/0,38	0,47	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 SILENCE 44.2Si(14 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/14/8	NPD	NPD	1,1	68,04	0,21/0,22	38,20	0,28/0,33	0,45	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 SILENCE 44.2Si(12 argon)1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/10	42(-1;-4)	NPD	1,2	67,41	0,21/0,22	37,16	0,28/0,30	0,45	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 SILENCE 64.2Si(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/12/9	NPD	NPD	1,2	67,02	0,21/0,22	36,67	0,26/0,28	0,44	PASS
SGG CLIMAPLUS PLANITHERM S 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	30(-0;-4)	NPD	1,6	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS PLANITHERM S 4(20 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	30(-0;-4)	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S F3 SAFE 8(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/10/8	NPD	NPD	1,9	64,48	0,11/0,11	40,71	0,18/0,15	0,61	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT164 6(20 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/20/8	NPD	NPD	1,7	57	0,14/0,10	36	0,16/0,13	0,45	PASS
SGG CLIMAPLUS 4S 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,4	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS SAFE 4S F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SAFE 4S 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMALIT SAFE COOL-LITE ST120 F2 PLANITHERM FUTUR N F3 6(16 air)	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	17	0,32/0,26	11	0,27/0,25	0,17	PASS
SGG CLIMAPLUS SECURIT HST PROTECT COOL-LITE SKN165 II 10(20 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C1/1B1	200K/40K	10/20/11	NPD	NPD	1,3	57,54	0,16/0,16	26,36	0,25/0,26	0,32	PASS
SGG CLIMAPLUS ULTRA N F3 SAFE 33.1(15 air)64.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/15/10	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,22/0,19	0,58	PASS
SGG CLIMAPLUS SECURIT HST PROTECT COOL-LITE SKN165 II 10(20 air)1010	NPD	NPD	NPD	NPD	NPD	NPD/P4A	1C1/1B1	200K/200K	10/20/22	NPD	NPD	1,4	55	0,15/0,15	25	0,28/0,16	0,33	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F3 HN119-S (18 air) 44.1	NPD	NPD	NPD	BR1-S	NPD	P3A/NPD	1B1/2B2	40K/40K	19/18/8	NPD	NPD	1,5	60	0,10/0,11	33	0,10/0,14	0,48	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F3 SATINOVO 66.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS

Leistungserklärung

FGT Glaswerk GmbH
Industriepark Kleinkoschen, D-01968 Senftenberg

EN 1279-5:2005+A2:2010 — **Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** — **System zur Bewertung der Leistungsbeständigkeit : 3**

Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SAFE PLANITHERM S F3 66.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,5	63,14	0,11/0,11	38,14	0,14/0,15	0,56	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F3 33.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	2,0	66,24	0,11/0,11	43,97	0,18/0,20	0,60	PASS
SGG CLIMAPLUS SAFE 4S F3 33.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	1,8	70,25	0,13/0,12	36,81	0,28/0,33	0,49	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N 10(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	10/16/6	NPD	NPD	1,3	76,76	0,12/0,12	46,95	0,20/0,22	0,57	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N 10(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	10/16/6	NPD	NPD	1,1	76,76	0,12/0,12	46,95	0,20/0,22	0,57	PASS
SGG CLIMAPLUS SECURIT COOL-LITE KNT155 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	33(-1;-4)	NPD	1,7	47,00	0,17/0,10	31,66	0,19/0,20	0,37	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,8	66,14	0,11/0,11	45,56	0,19/0,20	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,8	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(14 air)33.1SI	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/2B2	6/14/6	NPD	NPD	1,5	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS ULTRA N F3 ANTELIO BRONZE F1 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/6	33(-1;-4)	NPD	1,12	20,9	0,32/0,13	15,6	0,30/0,23	0,22	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 10(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/16/8	43(-1;-5)	NPD	1,1	76,08	0,12/0,12	45,84	0,20/0,20	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM ONE F3 12(15 argon)44.2S	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/15/9	43(-1;-4)	NPD	1,03	67	0,21/0,21	35,90	0,27/0,26	0,45	PASS
SGG CLIMAPLUS SAFE 4S 66.1(12 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/8	NPD	NPD	1,6	56	0,11/0,10	28	0,18/0,19	0,38	PASS
SGG CLIMAPLUS PROTECT SILENCE SAFE PLANITHERM ONE F3 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/15/13	NPD	NPD	1,0	67,42	0,22/0,22	37,39	0,35/0,25	0,48	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN 154 II 66.1(16 air) 44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	12/16/8	NPD	NPD	1,27	47	0,17/0,25	21	0,22/0,32	0,26	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN154 II F2 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/16/8	NPD	NPD	1,3	48,98	0,18/0,25	22,37	0,30/0,36	0,27	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154 II F2 8(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/6	36(-1;-4)	NPD	1,3	49,57	0,18/0,26	23,58	0,30/0,43	0,27	PASS
SGG CLIMAPLUS SECURIT COOL-LITE STB136 F2 PLANITHERM S F3 8(16 air)(	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/6	36(-1;-4)	NPD	1,5	26,42	0,17/0,16	17,22	0,16/0,23	0,28	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 33.2(14 argon)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/14/7	NPD	NPD	1,1	77,49	0,12/0,12	47,87	0,20/0,20	0,57	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 N F3 88.1(16 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/16	NPD	NPD	1,4	40	0,18/0,17	20	0,13/0,15	0,31	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 N F3 1010.1(16 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	20/16/16	NPD	NPD	1,4	40	0,18/0,17	20	0,13/0,15	0,31	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 N F3 1010.1(16 air)88.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	20/16/16	NPD	NPD	1,4	34	0,18/0,14	17	0,13/0,13	0,31	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 N F3 88.1(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/12	NPD	NPD	1,4	40	0,18/0,18	21	0,13/0,18	0,31	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 N F3 88.1(16 air)66.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/12	NPD	NPD	1,4	35	0,17/0,14	18	0,13/0,15	0,31	PASS
SGG CLIMAPLUS PLANITHERM S F2 12(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	12/16/12	NPD	NPD	1,5	62,03	0,11/0,11	36,44	0,15/0,14	0,46	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 55.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/15/9	NPD	NPD	1,0	67,02	0,21/0,22	36,67	0,26/0,28	0,44	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 BIOCLEAN 66.2(15 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	41(-1;-4)	NPD	1,0	64,58	0,23/0,24	34,80	0,26/0,29	0,42	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 BIOCLEAN 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,0	66,79	0,24/0,24	37,85	0,36/0,29	0,47	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN154II F2 6(15 argon)44.:	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	200K/40K	6/15/9	36(-1;-4)	NPD	1,0	49,27	0,18/0,25	22,44	0,32/0,35	0,27	PASS
SGG CLIMAPLUS SECURIT PROTECT PLANITHERM ONE F3 12(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C1/1B1	200K/40K	12/15/9	NPD	NPD	1	67	0,21/0,21	36	0,28/0,26	0,45	PASS
SGG CLIMAPLUS SECURIT PROTECT PLANITHERM ONE F3 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/15/13	NPD	NPD	1,0	67,42	0,22/0,22	37,39	0,35/0,25	0,48	PASS
SGG CLIMAPLUS COOL-LITE SKN165 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,3	58,76	0,16/0,17	27,63	0,29/0,30	0,33	PASS
SGG CLIMAPLUS SAFE 4S F2 66.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/8	NPD	NPD	1,6	66	0,11/0,13	32,10	0,18/0,23	0,39	PASS
SGG CLIMAPLUS SAFE 4S 44.1(24 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/24/8	NPD	NPD	1,4	67	0,12/0,13	34	0,23/0,23	0,40	PASS
SGG CLIMAPLUS SAFE 4S 44.1(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/6	NPD	NPD	1,8	68	0,12/0,13	35	0,23/0,25	0,40	PASS
SGG CLIMAPLUS PLANITHERM S F2 SAFE SILENCE 6(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,8	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 66.2(16 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	13/16/6	NPD	NPD	1,1	65,81	0,11/0,12	33,64	0,19/0,31	0,37	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 66.2(20 argon)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/13	NPD	NPD	1,1	62	0,09/0,12	30	0,17/0,17	0,36	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 6(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	NPD	NPD	1,1	67,00	0,11/0,12	34,86	0,28/0,24	0,41	PASS
SGG CLIMAPLUS COOL-LITE SKN174 F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,1	68,62	0,11/0,12	38,09	0,28/0,34	0,41	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 6(16 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/7	NPD	NPD	1,1	67,60	0,11/0,12	35,49	0,28/0,26	0,41	PASS
SGG CLIMAPLUS SECURIT HST PROTECT ULTRA N F3 8(24 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/24/13	NPD	NPD	1,2	74	0,11/0,10	42	0,19/0,14	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 66.2(20 argon)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/13	NPD	NPD	1,1	73,41	0,11/0,11	41,57	0,16/0,16	0,53	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 8(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/16/9	NPD	NPD	1,1	75	0,11/0,11	44	0,19/0,17	0,58	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 8(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/16/13	NPD	NPD	1,1	74	0,11/0,10	42	0,19/0,14	0,58	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 8(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/10/9	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,23/0,19	0,59	PASS
SGG CLIMAPLUS SECURIT ULTRA N II 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3	40K/200K	4/16/4	30(-1;-3)	NPD	1,1	79,85	0,12/0,12	54,78	0,27/0,27	0,63	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN174 II 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/4	35(-2;-5)	NPD	1,1	68,61	0,11/0,12	38,04	0,27/0,33	0,41	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN174 II F2 8(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/10/9	NPD	NPD	1,4	66,39	0,11/0,12	34,17	0,25/0,23	0,40	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN174 II F2 8(24 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/24/13	NPD	NPD	1,2	65,21	0,11/0,11	33,01	0,25/0,20	0,40	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN174 II F2 8(18 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/18/13	NPD	NPD	1,1	65,21	0,11/0,11	33,01	0,25/0,20	0,40	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	42(-2;-6)	NPD	1,1	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,6	66,14	0,11/0,11	45,56	0,19/0,20	0,50	PASS
SGG CLIMAPLUS PLANITHERM S F2 66.1(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/5	NPD	NPD	1,9	64,19	0,11/0,11	40,21	0,14/0,20	0,46	PASS
SGG CLIMAPLUS N F2 SAFE 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,7	77,81	0,12/0,12	49,96	0,22/0,21	0,57	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT140 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,96	36	0,23/0,12	21	0,24/0,18	0,33	PASS
SGG CLIMAPLUS SECURIT COOL-LITE KNT140 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	NPD	NPD	1,8	37,00	0,23/0,12	23,17	0,24/0,24	0,28	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/12	NPD	NPD	1,9	63,90	0,11/0,11	39,72	0,18/0,14	0,49	PASS
SGG CLIMAPLUS PROTECT ULTRA N SERALIT EVOLUTION HN113-S(16 argon	NPD	NPD	NPD	NPD	NPD	NPD	1C0/NPD	200K/40K	14/16/4	NPD	NPD	1,1	76,10	0,11/0,12	45,60	0,15/0,26	0,52	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS SECURIT SAFE ULTRA N 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/6	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,24/0,22	0,61	PASS
SGG CLIMAPLUS SECURIT ULTRA N 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/16/4	30(-1;-3)	NPD	1,1	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT164 F2 8(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/10	NPD	NPD	1,9	55,33	0,14/0,10	35,40	0,15/0,14	0,44	PASS
SGG CLIMAPLUS PROTECT OPALE ULTRA N F3 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	NPD	NPD	1,1	57	0,08/0,10	35	0,13/0,24	0,43	PASS
SGG CLIMAPLUS PROTECT SILENCE 4S F2 44.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	42(-2;-6)	NPD	1,1	67	0,11/0,13	33	0,22/0,21	0,39	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 6(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/10	NPD	NPD	1,9	55,83	0,14/0,10	36,33	0,16/0,14	0,45	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,9	56,33	0,14/0,10	37,29	0,16/0,14	0,46	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ONE F2 ARENA C 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 8(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/4	36(-2;-5)	NPD	1,6	78,42	0,12/0,12	51,83	0,23/0,26	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 10(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/10/4	36(-1;-4)	NPD	1,8	77,69	0,12/0,12	50,13	0,20/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 33.2(14 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,5	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 33.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,1	78,66	0,12/0,12	50,23	0,21/0,26	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(12 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,6	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,3	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(10 air)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/10/4	NPD	NPD	1,8	76	0,11/0,11	45	0,14/0,24	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(10 argon)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/10/4	NPD	NPD	1,4	76	0,11/0,11	45	0,14/0,24	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ONE F3 6(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,1	70,35	0,22/0,23	43,04	0,36/0,39	0,49	PASS
SGG CLIMAPLUS PROTECT ONE F3 33.2(14 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	7/14/4	NPD	NPD	1,1	69,93	0,22/0,23	40,85	0,30/0,38	0,46	PASS
SGG CLIMAPLUS PROTECT ONE F3 44.2(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,2	69,29	0,21/0,23	39,93	0,28/0,38	0,46	PASS
SGG CLIMAPLUS PROTECT ONE F3 SP510(10 argon)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/10/4	NPD	NPD	1,4	68,46	0,21/0,23	38,48	0,24/0,38	0,44	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	P5A/P2A	1B1/1B1	40K/40K	10/16/9	NPD	NPD	1,1	74	0,11/0,11	42	0,14/0,17	0,53	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	P2A	1C2/2B2	200K/40K	6/12/8	NPD	NPD	1,6	67,19	0,11/0,12	35,24	0,27/0,25	0,41	PASS
SGG CLIMAPLUS PLANITHERM S F2 66.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/6	NPD	NPD	1,9	63,90	0,11/0,11	39,72	0,14/0,19	0,46	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN154 II F2 10(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	10/16/8	NPD	NPD	1,3	48,54	0,18/0,25	22,02	0,27/0,36	0,27	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154 II F2 10(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C1/NPD	200K/40K	10/18/6	NPD	NPD	1,3	49	0,17/0,26	23	0,29/0,39	0,27	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 F2 66.1(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/14/8	NPD	NPD	1,4	47	0,17/0,19	21	0,22/0,28	0,26	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 F2 66.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/16/6	NPD	NPD	1,3	48,54	0,17/0,22	22,08	0,24/0,38	0,26	PASS
SGG CLIMAPLUS N F3 ACOUSTIC 5(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/14/6	NPD	NPD	1,5	78,40	0,12/0,12	52,97	0,24/0,22	0,63	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 34.1(16 air) HN323-S	NPD	NPD	NPD	NPD/BR3-S	NPD	NPD	2B2/1B1	40K/40K	7/16/24	NPD	NPD	1,3	70	0,10/0,10	36	0,18/0,09	0,36	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 34.1(16 argon) HN323-S	NPD	NPD	NPD	NPD/BR3-S	NPD	NPD	2B2/1B1	40K/40K	7/16/24	NPD	NPD	1,1	70	0,10/0,10	36	0,18/0,09	0,36	PASS
SGG CLIMAPLUS N F3 PARSOL GREY 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	34(-1;-5)	NPD	1,67	49	0,07/0,10	34	0,14/0,20	0,45	PASS
SGG CLIMAPLUS SAFE N F3 PARSOL GREY 33.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,67	38	0,06/0,10	26	0,10/0,20	0,36	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154 II F2 10(16 air)10	NPD	NPD	NPD	NPD	NPD	NPD	1C1/NPD	200K/40K	10/16/10	NPD	NPD	1,3	48,26	0,18/0,25	22,44	0,27/0,36	0,27	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN154 II F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/8	NPD	NPD	1,3	49,42	0,18/0,25	22,71	0,32/0,36	0,27	PASS
SGG CLIMAPLUS ACOUSTIC N F3 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,9	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS ACOUSTIC N F3 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,9	78,76	0,12/0,12	53,69	0,25/0,22	0,63	PASS
SGG CLIMAPLUS SAFE N F3 4(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,9	77	0,12/0,12	47	0,23/0,17	0,62	PASS
SGG CLIMAPLUS N F3 SAFE 44.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/4	NPD	NPD	1,9	77	0,12/0,12	47	0,17/0,23	0,57	PASS
SGG CLIMAPLUS SAFE N F3 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,9	77,00	0,12/0,12	46	0,20/0,17	0,60	PASS
SGG CLIMAPLUS SAFE N F3 6(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/10	NPD	NPD	1,7	76	0,12/0,12	44	0,20/0,16	0,60	PASS
SGG CLIMAPLUS SAFE N F3 6(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,5	77,00	0,12/0,12	46	0,20/0,17	0,60	PASS
SGG CLIMAPLUS SAFE N F3 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,4	77,00	0,12/0,12	46	0,20/0,19	0,61	PASS
SGG CLIMAPLUS ACOUSTIC N F3 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-1;-5)	NPD	1,7	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS PLANIDUR COOL-LITE SKN154 II F2 8(20 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD	100K/40K	8/20/6	NPD	NPD	1,3	49,57	0,18/0,26	23,58	0,30/0,43	0,27	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	2,0	56,33	0,14/0,10	37,29	0,16/0,14	0,46	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 10(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/16/8	NPD	NPD	1,6	55,33	0,14/0,10	35,13	0,14/0,14	0,43	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 10(12 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/12/16	NPD	NPD	1,8	53,40	0,14/0,09	31,90	0,14/0,12	0,43	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,6	55,83	0,14/0,10	36,33	0,15/0,14	0,44	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT155 F2 6(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,7	46,44	0,17/0,10	29,39	0,19/0,17	0,37	PASS
SGG CLIMAPLUS PLANIDUR SAFE COOL-LITE SKN154 II F2 8(18 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	100K/40K	8/18/8	NPD	NPD	1,3	49	0,17/0,25	22	0,29/0,32	0,27	PASS
SGG CLIMAPLUS PLANIDUR SAFE COOL-LITE SKN154 II F2 66.1(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	100K/100K	8/18/8	NPD	NPD	1,4	47	0,17/0,25	21	0,22/0,32	0,26	PASS
SGG CLIMAPLUS SAFE N 8(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/10/8	NPD	NPD	1,8	76	0,12/0,12	44	0,18/0,17	0,58	PASS
SGG CLIMAPLUS PROTECT COOL-LITE STB120 F2 N F3 66.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	13/15/9	NPD	NPD	1,4	18	0,20/0,27	10	0,15/0,25	0,17	PASS
SGG CLIMAPLUS PROTECT COOL-LITE ST108 F2 N F3 66.2(15 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	13/15/9	NPD	NPD	1,4	7	0,41/0,34	4	0,28/0,28	0,09	PASS
SGG CLIMAPLUS SAFE N F3 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,9	78	0,12/0,12	49	0,23/0,19	0,62	PASS

CE	Leistungserklärung				FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg													
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT N F3 4(10 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/10/7	NPD	NPD	1,9	78	0,12/0,12	48	0,23/0,18	0,62	PASS
SGG CLIMAPLUS PLANITHERM ONE F3 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	71,00	0,22/0,23	44,10	0,39/0,39	0,50	PASS
SGG CLIMAPLUS PROTECT ONE F3 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	NPD	NPD	1,0	69,29	0,21/0,23	39,93	0,28/0,38	0,46	PASS
SGG CLIMAPLUS PROTECT ONE F3 44.2(14 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/14/6	NPD	NPD	1,0	68,66	0,21/0,23	39,05	0,28/0,35	0,45	PASS
SGG CLIMAPLUS PROTECT ULTRA N 33.2(10 argon*)33.2	NPD	NPD	NPD	NPD	NPD	P1A/P1A	1B1/1B1	40K/40K	7/10/7	NPD	NPD	1,5	76,70	0,11/0,11	46,10	0,18/0,18	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N 44.2Si(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/12/9	NPD	NPD	1,3	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS SAFE N F3 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,7	77,40	0,12/0,12	47,30	0,20/0,19	0,60	PASS
SGG CLIMAPLUS SAFE N F3 5(20 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/20/8	NPD	NPD	1,4	77,00	0,12/0,12	47	0,21/0,17	0,61	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 4(14 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	NPD	NPD	1,6	66,74	0,11/0,11	46,83	0,20/0,20	0,52	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 4(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/5	NPD	NPD	1,5	66,74	0,11/0,11	46,83	0,20/0,20	0,52	PASS
SGG CLIMAPLUS REFLECTASOL F2 PLANITHERM S F3 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,9	23,86	0,46/0,36	21,65	0,43/0,32	0,34	PASS
SGG CLIMAPLUS PROTECT ULTRA N 44.4(12 argon)6	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/12/6	NPD	NPD	1,3	76,79	0,12/0,12	46,71	0,17/0,24	0,55	PASS
SGG CLIMAPLUS SAFE N F3 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,7	75	0,11/0,12	44	0,17/0,17	0,56	PASS
SGG CLIMAPLUS N F3 SILENCE 33.1Si(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	1,7	78	0,12/0,12	49	0,19/0,23	0,58	PASS
SGG CLIMAPLUS ACOUSTIC N F3 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,5	78,76	0,12/0,12	53,69	0,25/0,22	0,64	PASS
SGG CLIMAPLUS N SAFE 33.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/4	NPD	NPD	1,7	78	0,12/0,12	49	0,19/0,23	0,58	PASS
SGG CLIMAPLUS ULTRA N 5(14 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/14/5	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,26/0,25	0,62	PASS
SGG CLIMAPLUS ULTRA N 5(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/5	NPD	NPD	1,3	79,13	0,12/0,12	53,22	0,26/0,25	0,62	PASS
SGG CLIMAPLUS ULTRA N 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,3	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(8 argon)5	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/8/5	NPD	NPD	1,7	76	0,11/0,11	45	0,14/0,23	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(8 argon)6	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/8/6	NPD	NPD	1,7	75	0,11/0,11	44	0,14/0,22	0,53	PASS
SGG CLIMAPLUS ULTRA N ARENA C 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM ONE ARENA C 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,0	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F3 SP510(16 argon)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	1,0	68,46	0,21/0,23	38,48	0,24/0,38	0,44	PASS
SGG CLIMAPLUS PROTECT N F3 SP510(12 air)44.2	NPD	NPD	NPD	NPD	NPD	P5A/P2A	1B1/1B1	40K/40K	10/12/9	NPD	NPD	1,7	74	0,11/0,12	41	0,14/0,16	0,53	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(12 krypton)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	1,1	77	0,11/0,11	47	0,19/0,20	0,58	PASS
SGG CLIMAPLUS SECURIT ULTRA N PROTECT 6(10 krypton)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/10/9	NPD	NPD	1,0	76	0,11/0,11	46	0,21/0,17	0,60	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST420 F2 N F3 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/4	33(-1;-4)	NPD	1,7	15	0,23/0,27	7	0,13/0,34	0,14	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(12 krypton-argon*)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/6	NPD	NPD	1,1	77	0,11/0,11	47	0,19/0,20	0,58	PASS
SGG CLIMAPLUS SECURIT ULTRA N PROTECT 6(10 krypton-argon*)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/10/9	NPD	NPD	1,1	76	0,11/0,11	46	0,21/0,17	0,60	PASS
SGG CLIMAPLUS ULTRA N SILENCE 22.1Si(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	4/16/4	35(-2;-5)	NPD	1,1	79	0,12/0,11	51	0,21/0,24	0,60	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST436 F2 N F3 6(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/24/4	NPD	NPD	1,5	15	0,23/0,27	7	0,13/0,34	0,13	PASS
SGG CLIMAPLUS N SATINOVO MATE 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT N F3 SP510(12 air)6	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/12/6	NPD	NPD	1,7	75	0,11/0,12	43	0,14/0,21	0,53	PASS
SGG CLIMAPLUS SAFE N F3 6(16 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/10	NPD	NPD	1,4	76	0,12/0,12	44	0,20/0,16	0,60	PASS
SGG CLIMAPLUS N F3 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,7	78,40	0,12/0,12	52,96	0,23/0,23	0,62	PASS
SGG CLIMAPLUS SILENCE N F3 6(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,9	77	0,12/0,12	46	0,20/0,17	0,60	PASS
SGG CLIMAPLUS 4S 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/6	NPD	NPD	1,1	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS SAFE 4S 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,6	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SAFE 4S 6(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/10	NPD	NPD	1,6	68,38	0,12/0,13	34,92	0,30/0,24	0,41	PASS
SGG CLIMAPLUS N F2 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,5	80	0,12/0,12	53	0,23/0,23	0,58	PASS
SGG CLIMAPLUS SECURIT 4S F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C2	40K/200K	6/12/6	NPD	NPD	1,6	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS 4S F2 ARENA C 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 55.1(15 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/15/10	NPD	NPD	1,5	63,14	0,11/0,11	38,14	0,14/0,15	0,46	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 55.1(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	10/15/6	NPD	NPD	1,6	64,48	0,11/0,11	40,71	0,15/0,19	0,46	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,6	66,44	0,11/0,11	46,19	0,19/0,21	0,51	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,3	66,44	0,11/0,11	46,19	0,19/0,21	0,50	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(20 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,1	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,4	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM ONE F2 44.2Si(20 argon)6(	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/13	49(-2;-6)	NPD	1,1	66	0,22/0,21	36	0,28/0,24	0,43	PASS
SGG CLIMAPLUS SAFE N F3 8(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/8	NPD	NPD	1,5	76	0,12/0,12	48	0,21/0,18	0,60	PASS
SGG CLIMAPLUS SAFE N F3 4(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	1,4	78	0,12/0,12	50	0,25/0,19	0,63	PASS
SGG CLIMAPLUS SAFE N F3 5(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	5/16/8	NPD	NPD	1,4	77	0,12/0,12	49	0,24/0,19	0,63	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,5	64,29	0,11/0,11	40,03	0,15/0,16	0,47	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE ST150 F2 N F3 88.1Si(16 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/16	NPD	NPD	1,4	41	0,18/0,17	22	0,14/0,17	0,32	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM ONE F3 66.2Si(20 argon)4(	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/20/9	49(-2;-6)	NPD	1,1	66,41	0,21/0,22	35,92	0,24/0,28	0,44	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE ST150 F2 N F3 1010.1(16 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	20/16/16	NPD	NPD	1,4	40	0,17/0,17	21	0,13/0,17	0,30	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE ST150 F2 N F3 88.1Si(16 air)88.1 (	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/16	NPD	NPD	1,4	35	0,18/0,14	19	0,14/0,15	0,32	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE ST150 F2 N F3 1010.1Si(16 air)88.	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	20/16/16	NPD	NPD	1,4	34	0,17/0,14	18	0,13/0,15	0,30	PASS

CE

Leistungserklärung

FGT Glaswerk GmbH
Industriepark Kleinkoschen, D-01968 Senftenberg

EN 1279-5:2005+A2:2010

Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken **System zur Bewertung der Leistungsbeständigkeit : 3**

Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT 4S 6(20 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/20/9	NPD	NPD	1,1	69	0,12/0,13	35	0,31/0,25	0,41	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE ST150 F2 N F3 88.1Si(10 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/10/16	NPD	NPD	1,6	41	0,18/0,17	22	0,14/0,17	0,32	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 N F3 88.1(16 air)88.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/16	NPD	NPD	1,4	35	0,18/0,14	19	0,14/0,15	0,32	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 F3 33.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	NPD	NPD	1,6	53	0,09/0,09	30	0,17/0,16	0,45	PASS
SGG CLIMAPLUS PROTECT 4S 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,1	67,56	0,12/0,12	33,90	0,30/0,21	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(20 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/20/8	NPD	NPD	1,6	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(15 argon)SP827	NPD	NPD	NPD	NPD	NPD	NPD/P8B	NPD/1B1	40K/40K	6/15/27	NPD	NPD	1,1	70	0,12/0,10	36	0,24/0,09	0,55	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(15 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	6/15/10	NPD	NPD	1,1	76,33	0,12/0,12	45,82	0,24/0,16	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 33.1(15 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	2B2/1B1	40K/40K	6/15/10	NPD	NPD	1,1	77	0,12/0,12	46	0,22/0,17	0,54	PASS
SGG CLIMAPLUS N F3 5(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	NPD	NPD	1,7	79,12	0,12/0,12	54,44	0,24/0,24	0,63	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/6	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 6(15 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/6	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PLANITHERM S F2 6(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	NPD	NPD	1,6	65,85	0,11/0,11	44,94	0,19/0,20	0,50	PASS
SGG CLIMAPLUS SAFE 4S F2 6(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/8	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(15 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,6	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE XTREME 60/28 F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,0	60,27	0,14/0,16	25,83	0,39/0,46	0,28	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	NPD	NPD	1,0	59,73	0,14/0,16	25,50	0,39/0,42	0,28	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 8(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	NPD	NPD	1,0	59,20	0,14/0,16	25,18	0,36/0,42	0,28	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 F2 44.2(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/7	NPD	NPD	1,0	58	0,14/0,16	24	0,31/0,36	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 F2 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,0	58	0,14/0,16	24	0,31/0,33	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	NPD	NPD	1,0	59	0,14/0,16	24	0,39/0,33	0,28	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 F2 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,0	58	0,14/0,15	24	0,39/0,28	0,28	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 8(15 air)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/15/17	NPD	NPD	1,4	73,85	0,12/0,11	42,46	0,22/0,14	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 33.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	7/15/9	NPD	NPD	1,1	76,79	0,12/0,12	46,71	0,20/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 55.2(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/15/13	NPD	NPD	1,1	74,07	0,11/0,11	42,52	0,18/0,16	0,54	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/6	NPD	NPD	1,3	63,81	0,26/0,24	37,89	0,38/0,37	0,41	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST408 F2 6(20 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/20/6	NPD	NPD	1,7	6	0,25/0,44	3	0,14/0,35	0,09	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST408 F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/6	NPD	NPD	1,9	6	0,25/0,44	3	0,14/0,35	0,10	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST408 F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/12/6	NPD	NPD	1,9	6	0,25/0,44	3	0,14/0,35	0,10	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE ST408 F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,9	6	0,25/0,44	3	0,14/0,32	0,10	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,6	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS SECURIT PLANITHERM S 4(12 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD	200K/40K	4/12/4	31(-1;-4)	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT ACOUSTIC PLANITHERM S 6(12 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F3 33.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	NPD	NPD	1,8	64,87	0,11/0,11	41,04	0,17/0,15	0,60	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F2 44.2(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	1B1/1C2	40K/200K	9/16/8	NPD	NPD	1,3	76,56	0,12/0,12	46,60	0,19/0,23	0,53	PASS
SGG CLIMAPLUS SAFE N F2 6(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,2	77,11	0,12/0,12	48,70	0,22/0,19	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,1	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(10 argon)55.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/10	NPD	NPD	1,6	55	0,10/0,09	35	0,18/0,13	0,49	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(10 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/10	NPD	NPD	1,6	64,48	0,11/0,11	40,71	0,18/0,15	0,50	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(10 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,6	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SAFE 4S 10(12 air)88.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/12/16	NPD	NPD	1,6	65,37	0,11/0,12	32,02	0,24/0,19	0,40	PASS
SGG CLIMAPLUS SAFE 4S 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,4	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN174 II F2 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	33(-1;-4)	NPD	1,4	68,00	0,11/0,12	37,32	0,27/0,30	0,41	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(8 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,1	69	0,12/0,13	36	0,30/0,26	0,42	PASS
SGG CLIMAPLUS PROTECT COOL-LITE ST167 F2 N F3 66.1(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1B1	40K/40K	12/12/9	NPD	NPD	1,6	55	0,20/0,20	33	0,19/0,21	0,43	PASS
SGG CLIMAPLUS COOL-LITE SKN 074 F2 10(12 air)10 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/12/10	NPD	NPD	1,6	70	0,10/0,13	41	0,32/0,35	0,43	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 66.1(12 air)66.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/12	NPD	NPD	1,6	69	0,10/0,13	38	0,27/0,30	0,42	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 1010.1(12 air)88.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	20/12/16	NPD	NPD	1,5	68	0,10/0,12	37	0,25/0,29	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,2	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,5	63,04	0,26/0,24	35,37	0,38/0,31	0,41	PASS
SGG CLIMAPLUS N F3 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,5	79	0,12/0,12	55	0,25/0,24	0,64	PASS
SGG CLIMAPLUS N F2 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-1;-5)	NPD	1,7	79	0,12/0,12	54	0,22/0,25	0,58	PASS
SGG CLIMAPLUS ACOUSTIC REFLECTASOL F2 N F3 5(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/6	NPD	NPD	1,7	29	0,47/0,48	26	0,47/0,41	0,33	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,0	59	0,14/0,16	24	0,39/0,36	0,28	PASS
SGG CLIMAPLUS SILENCE COOL-LITE XTREME 60/28 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,0	59	0,14/0,16	24	0,39/0,36	0,28	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 6(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,0	58	0,14/0,15	24	0,39/0,30	0,28	PASS
SGG CLIMAPLUS SILENCE COOL-LITE XTREME 60/28 6(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,0	59	0,14/0,16	24	0,39/0,36	0,28	PASS
SGG CLIMAPLUS SILENCE COOL-LITE XTREME 60/28 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,0	59	0,14/0,16	24	0,39/0,33	0,28	PASS

CE	Leistungserklärung	FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg																
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken										System zur Bewertung der Leistungsbeständigkeit : 3							
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungs hemmung	Durchbruchhem mung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämm ung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmissio n	Lichtreflektion	energietransmi ssion	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS ULTRA N F3 SILENCE 44.2(16 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/4	37(-2;-6)	NPD	1,1	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
SGG CLIMAPLUS N F2 ARENA C F4 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1;-4)	NPD	1,7	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS N F2 SAFE 33.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	1,9	79	0,12/0,12	51	0,20/0,25	0,56	PASS
SGG CLIMAPLUS SAFE 4S F2 4(20 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/20/6	NPD	NPD	1,4	70,00	0,12/0,13	37	0,33/0,28	0,42	PASS
SGG CLIMAPLUS COOL-LITE ST420 F2 N F3 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	15	0,23/0,27	7	0,13/0,34	0,13	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 4(14 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	4/14/7	NPD	NPD	1,6	66,04	0,11/0,11	43,21	0,20/0,17	0,51	PASS
SGG CLIMAPLUS SAFE 4S F3 1010.1(14 air)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	20/14/8	NPD	NPD	1,4	64,78	0,12/0,11	31,43	0,16/0,27	0,43	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(10 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,9	56	0,11/0,09	36	0,18/0,14	0,49	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST420 F2 N F3 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/14/4	NPD	NPD	1,5	15	0,23/0,27	7	0,13/0,34	0,13	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/12	NPD	NPD	1,9	64,48	0,11/0,11	40,71	0,20/0,14	0,51	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 33.1Si(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,1	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 4(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,8	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS SECURIT PROTECT SILENCE ULTRA N F3 PARSOL GREEN 8(1	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/13	NPD	NPD	1,1	58	0,09/0,10	25	0,07/0,16	0,33	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SAFE N F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	77,11	0,12/0,12	48,70	0,22/0,19	0,57	PASS
SGG CLIMAPLUS N F2 6(20 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/6	NPD	NPD	1,5	78	0,12/0,12	52	0,22/0,23	0,58	PASS
SGG CLIMAPLUS SECURIT HST PROTECT COOL-LITE SKN454 F2 8(24 argon)3	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/24/7	NPD	NPD	1,2	38	0,12/0,20	15	0,09/0,33	0,20	PASS
SGG CLIMAPLUS SECURIT HST PROTECT COOL-LITE SKN454 F2 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/15/13	NPD	NPD	1,1	40	0,14/0,20	16	0,11/0,26	0,21	PASS
SGG CLIMAPLUS SECURIT HST COOL-LITE SKN454 F2 6(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/24/6	NPD	NPD	1,2	41	0,14/0,21	17	0,11/0,38	0,22	PASS
SGG CLIMAPLUS SECURIT HST COOL-LITE SKN454 F2 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/20/6	NPD	NPD	1,1	41	0,14/0,21	17	0,11/0,38	0,21	PASS
SGG CLIMAPLUS PROTECT SKN165 44.2(24 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD/NPD	40K/40K	9/24/6	NPD	NPD	1,2	59,12	0,16/0,17	27,70	0,25/0,36	0,31	PASS
SGG CLIMAPLUS COOL-LITE SKN165 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/6	NPD	NPD	1,1	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(12 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 F2 44.2(20 argon)33.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/20/7	NPD	NPD	1,1	59	0,15/0,17	27	0,24/0,31	0,31	PASS
SGG CLIMAPLUS COOL-LITE SKN165 F2 6(24 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/6	NPD	NPD	1,2	60,01	0,16/0,17	29,75	0,32/0,36	0,33	PASS
SGG CLIMAPLUS COOL-LITE SKN165 F2 6(20 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/20/613	NPD	NPD	1,1	58,07	0,16/0,16	26,88	0,31/0,24	0,33	PASS
SGG CLIMAPLUS ACOUSTIC N F3 5(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/4	NPD	NPD	1,9	79,12	0,12/0,12	54,44	0,24/0,24	0,63	PASS
SGG CLIMAPLUS SAFE N F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,7	77,11	0,12/0,12	48,70	0,22/0,19	0,57	PASS
SGG CLIMAPLUS 4S F2 4(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/5	NPD	NPD	1,4	70,78	0,12/0,13	38,76	0,33/0,33	0,42	PASS
SGG CLIMAPLUS 4S F2 4(24 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/5	NPD	NPD	1,4	70,78	0,12/0,13	38,76	0,33/0,33	0,42	PASS
SGG CLIMAPLUS N F2 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,4	79	0,12/0,12	54	0,22/0,25	0,58	PASS
SGG CLIMAPLUS SAFE SILENCE N F2 6(14 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/10	NPD	NPD	1,5	76,42	0,12/0,12	47,51	0,22/0,18	0,57	PASS
SGG CLIMAPLUS SILENCE SAFE N F2 44.1(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/20/6	NPD	NPD	1,7	77	0,12/0,12	48	0,18/0,21	0,54	PASS
SGG CLIMAPLUS SILENCE ONE F3 12(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/15/9	43(-1;-4)	NPD	1	67	0,21/0,22	36	0,27/0,28	0,45	PASS
SGG CLIMAPLUS PROTECT ONE F3 33.2(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	7/15/7	NPD	NPD	1,0	68,88	0,22/0,23	39,14	0,30/0,30	0,46	PASS
SGG CLIMAPLUS SILENCE ONE F3 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,0	69,29	0,22/0,23	39,93	0,35/0,30	0,49	PASS
SGG CLIMAPLUS N ACOUSTIC F3 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,5	79	0,12/0,12	54	0,23/0,24	0,63	PASS
SGG CLIMAPLUS SAFE N F3 33.1(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/18/6	NPD	NPD	1,4	78	0,12/0,12	50	0,21/0,22	0,59	PASS
SGG CLIMAPLUS SAFE N F3 33.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,4	78	0,12/0,12	50	0,21/0,22	0,59	PASS
SGG CLIMAPLUS SAFE N F3 33.1 OPALE(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/20/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE COOL-LITE KNT164 F2 4(16 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,7	57,35	0,14/0,10	39,36	0,17/0,15	0,47	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 44.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,6	56	0,14/0,10	36	0,14/0,14	0,43	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 64.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/10	NPD	NPD	1,8	55	0,14/0,10	34	0,13/0,14	0,42	PASS
SGG CLIMAPLUS SAFE SILENCE N F2 6(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	77,11	0,12/0,12	48,70	0,22/0,19	0,57	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM S F2 8(20 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/6	NPD	NPD	1,6	65,26	0,11/0,11	43,76	0,17/0,20	0,49	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 8(20 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/20/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,5	64,48	0,11/0,11	40,71	0,17/0,16	0,49	PASS
SGG CLIMAPLUS SAFE N F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,7	76	0,12/0,12	47	0,18/0,19	0,54	PASS
SGG CLIMAPLUS N F2 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,5	79	0,12/0,12	55	0,24/0,25	0,59	PASS
SGG CLIMAPLUS SAFE OPALE N F3 66.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N BIOCLEAN 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,1	75,57	0,15/0,14	47,27	0,25/0,22	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N 55.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/15/9	NPD	NPD	1,1	75,42	0,12/0,12	44,52	0,18/0,19	0,54	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 F2 44.2(15 argon)66.4	NPD	NPD	NPD	NPD	NPD	P2A/P4A	1B1/1B1	40K/40K	9/15/14	NPD	NPD	1,1	57	0,15/0,16	26	0,24/0,22	0,31	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 F2 44.2(15 argon)51	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/51	NPD	NPD	1,1	48	0,14/0,12	19	0,24/0,09	0,30	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 F2 6(15 argon)44.2 PARSOL G	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT SKN165 F2 HN113-S(15 argon)HN113-S	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	14/15/14	NPD	NPD	1,1	56	0,14/0,16	25	0,19/0,22	0,30	PASS
SGG CLIMAPLUS SECURIT SKN165 F2 HN113-S(15 argon)HN113-S	NPD	NPD	NPD	BR1-S/BR1-S	NPD	P4A/P4A	1C1/1C1	200K/200K	14/15/14	NPD	NPD	1,1	56	0,14/0,16	25	0,19/0,22	0,30	PASS
SGG CLIMAPLUS PROTECT SKN165 F2 HN113-S(15 argon)SP514	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/P5A	1B1/1B1	40K/40K	14/15/14	NPD	NPD	1,1	55	0,14/0,16	24	0,19/0,21	0,30	PASS
SGG CLIMAPLUS PROTECT SKN165 F2 HN113-S(15 argon)SP615B	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/P6B	1B1/1B1	40K/40K	14/15/15	NPD	NPD	1,1	55	0,14/0,16	24	0,19/0,20	0,30	PASS

CE	Leistungserklärung						FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg											
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT SKN165 F2 SP615B(15 argon)6	NPD	NPD	NPD	NPD	NPD	P6B/NPD	1B1/NPD	40K/40K	15/15/6	NPD	NPD	1,1	57	0,14/0,17	26	0,17/0,36	0,30	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 8(15 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2)/2B	200K/40K	8/15/10	NPD	NPD	1,4	66,00	0,11/0,12	34,02	0,25/0,23	0,40	PASS
SGG CLIMAPLUS N F3 SILENCE 44.2Si(18 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/18/4	NPD	NPD	1,2	78	0,12/0,12	49	0,18/0,23	0,57	PASS
SGG CLIMAPLUS XTREME 60/28 F2 PROTECT 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,0	57	0,13/0,15	23	0,26/0,33	0,27	PASS
SGG CLIMAPLUS ONE F2 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,0	71,00	0,23/0,22	44,10	0,39/0,39	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(20 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/20/6	NPD	NPD	1,3	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMAPLUS N F2 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,9	79	0,12/0,12	54	0,22/0,25	0,58	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT155 F2 6(12 air)56.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/11	NPD	NPD	1,9	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN154 F2 6(12 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/8	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 66.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/10/8	NPD	NPD	1,7	61,15	0,24/0,23	32,74	0,28/0,31	0,38	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/8	NPD	NPD	1,4	68	0,11/0,13	34	0,25/0,26	0,39	PASS
SGG CLIMAPLUS SAFE 4S F2 6(18 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S F2 6(16 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PROTECT 4S F2 44.1(12 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	2B2/1B1	40K/40K	8/12/10	NPD	NPD	1,5	61,72	0,25/0,23	33,17	0,32/0,27	0,39	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST436 F2 N F3 6(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/24/4	NPD	NPD	1,5	27	0,14/0,23	14	0,09/0,30	0,20	PASS
SGG CLIMAPLUS ACOUSTIC N F3 6(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	NPD	NPD	1,5	79	0,12/0,12	54	0,22/0,25	0,58	PASS
SGG CLIMAPLUS SAFE 4S F2 8(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/12	NPD	NPD	1,3	67,16	0,11/0,12	33,75	0,27/0,22	0,40	PASS
SGG CLIMAPLUS SECURIT TOTAL F2 8(20 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C2	40K/200K	8/20/8	NPD	NPD	1,4	75,90	0,12/0,12	50,22	0,18/0,20	0,57	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,4	64,99	0,26/0,24	39,76	0,42/0,40	0,42	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(14 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(14 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS 4S F2 6(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/6	NPD	NPD	1,4	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS PROTECT N F2 44.1 (10 air) 33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	2B2/1B1	40K/40K	9/10/7	NPD	NPD	1,9	77	0,12/0,12	47	0,18/0,19	0,54	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154II F2 8(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/12/8	NPD	NPD	1,5	49,13	0,18/0,26	23,20	0,30/0,40	0,27	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F3 6(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/10	NPD	NPD	1,0	59	0,16/0,14	25	0,42/0,32	0,40	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 F3 33.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	8/16/4	NPD	NPD	1,1	76,55	0,10/0,10	43,90	0,20/0,28	0,50	PASS
SGG CLIMAPLUS SAFE SILENCE 4S F2 6(12 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,6	67,77	0,12/0,13	34,33	0,30/0,22	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,7	63,90	0,11/0,11	39,72	0,18/0,14	0,49	PASS
SGG CLIMAPLUS SAFE N F2 6(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,6	75,74	0,12/0,12	46,36	0,22/0,17	0,56	PASS
SGG CLIMAPLUS SAFE 4S F2 8(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/8	NPD	NPD	1,6	68,38	0,12/0,13	34,92	0,27/0,26	0,41	PASS
SGG CLIMAPLUS PROTECT 4S F2 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,1	68	0,11/0,13	34	0,23/0,24	0,39	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 6(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/10	NPD	NPD	1,0	58,66	0,14/0,16	24,87	0,39/0,34	0,28	PASS
SGG CLIMAPLUS N F2 SAFE 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/6	NPD	NPD	1,5	78,52	0,12/0,12	51,27	0,24/0,21	0,58	PASS
SGG CLIMAPLUS PROTECT N F2 4(10 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/10/9	NPD	NPD	1,9	78,28	0,12/0,12	50,44	0,24/0,19	0,58	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN165 F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,6	59,83	0,16/0,17	28,49	0,32/0,33	0,33	PASS
SGG CLIMAPLUS SAFE N F2 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	77,11	0,12/0,12	48,70	0,22/0,19	0,57	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 6(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,5	63,04	0,26/0,24	35,37	0,38/0,31	0,41	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 4(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	1,5	63,62	0,26/0,24	36,15	0,41/0,31	0,42	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST136 F2 N F3 8(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/8	NPD	NPD	1,5	32	0,19/0,22	19	0,22/0,24	0,28	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST136 F2 N F3 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,4	32	0,19/0,22	19	0,22/0,24	0,27	PASS
SGG CLIMAPLUS SAFE SILENCE N F2 4(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,9	78,52	0,12/0,12	51,27	0,24/0,21	0,58	PASS
SGG CLIMAPLUS ACOUSTIC N F3 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	NPD	NPD	1,5	78,76	0,12/0,12	53,69	0,23/0,24	0,62	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N F2 6(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/6	NPD	NPD	2,1	78	0,12/0,12	50	0,22/0,21	0,57	PASS
SGG CLIMAPLUS SAFE N F2 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,9	78,52	0,12/0,12	51,27	0,24/0,21	0,58	PASS
SGG CLIMAPLUS SAFE N F2 4(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,5	78,52	0,12/0,12	51,27	0,24/0,21	0,58	PASS
SGG CLIMAPLUS N F2 4(16 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N F2 6(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/12	NPD	NPD	1,8	75,74	0,12/0,12	46,36	0,22/0,17	0,56	PASS
SGG CLIMAPLUS SAFE N F2 4(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/12	NPD	NPD	1,8	76,42	0,12/0,12	47,51	0,23/0,17	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N F2 4(10 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,9	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE N F2 4(15 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SAFE PARSOL GREY N F3 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/8	NPD	NPD	1,4	37	0,06/0,10	26	0,11/0,17	0,36	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT155 F2 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,9	47,28	0,17/0,10	30,93	0,20/0,18	0,38	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT155 F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,9	46	0,17/0,10	28	0,17/0,17	0,35	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 44.2(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	9/15/6	NPD	NPD	1,1	67	0,11/0,12	35	0,22/0,27	0,39	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,1	65,81	0,11/0,12	33,64	0,28/0,20	0,41	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS COOL-LITE SKN174 F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,1	68,62	0,11/0,12	38,09	0,28/0,34	0,41	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(14 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/5	NPD	NPD	1,5	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(10 air)6 ARENA C WIRED	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(12 air)6 ARENA C WIRED	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(14 air)6 ARENA C WIRED	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(16 air)6 ARENA C WIRED	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(20 air)6 ARENA C WIRED	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/6	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/11	41(-2;-5)	NPD	1,1	75,87	0,12/0,12	45,50	0,22/0,18	0,55	PASS
SGG CLIMAPLUS COOL-LITE ST 136 F2 N F3 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,7	33	0,23/0,20	21	0,20/0,27	0,29	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 6(14 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/5	NPD	NPD	1,1	60,00	0,14/0,16	25,66	0,39/0,44	0,28	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 6(14 argon)5 SATINOVO MAT	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/5	NPD	NPD	1,1	59	0,14/0,16	25	0,39/0,42	0,28	PASS
SGG CLIMAPLUS PROTECT ONE F3 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,0	67,63	0,21/0,22	37,46	0,28/0,28	0,45	PASS
SGG CLIMAPLUS PROTECT ONE F3 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	40K/40K	4/15/9	NPD	NPD	1,0	69,29	0,22/0,22	39,93	0,38/0,28	0,50	PASS
SGG CLIMAPLUS 4S F2 PROTECT SILENCE 10(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/15/9	NPD	NPD	1,1	67,55	0,11/0,13	33,78	0,24/0,24	0,39	PASS
SGG CLIMAPLUS 4S F2 PROTECT SILENCE 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,1	68,79	0,12/0,13	35,08	0,30/0,24	0,41	PASS
SGG CLIMAPLUS PROTECT ONE F3 55.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,0	67,02	0,21/0,22	36,67	0,26/0,28	0,44	PASS
SGG CLIMAPLUS ULTRA N F3 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,8	79,85	0,12/0,12	54,69	0,27/0,26	0,62	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 88.2(15 argon)88.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	17/15/17	NPD	NPD	1,1	71	0,11/0,11	38	0,14/0,14	0,51	PASS
SGG CLIMAPLUS ACOUSTIC N F2 ARENA C F4 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	NPD	NPD	1,7	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE KNT140 F2 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	NPD	NPD	1,8	37,33	0,23/0,12	23,74	0,24/0,26	0,28	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	NPD	NPD	1,4	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(14 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE N F2 6(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	77,11	0,12/0,12	48,70	0,22/0,19	0,57	PASS
SGG CLIMAPLUS PROTECT N F2 44.1 (10 air) 33.2	A1/NPD	NPD	NPD	NPD	NPD	NPD/P1A	2B2/1B1	40K/40K	9/10/7	NPD	NPD	1,9	77	0,12/0,12	47	0,18/0,19	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE N F2 44.1 (15 air) 33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/6	NPD	NPD	1,4	77	0,12/0,12	48	0,18/0,21	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(15 argon)HN323-S	NPD	NPD	NPD	NPD/BR3-S	NPD	NPD	NPD/1B1	40K/40K	6/15/24	NPD	NPD	1,1	71	0,12/0,11	39	0,24/0,10	0,56	PASS
SGG CLIMAPLUS SAFE 4S F2 55.1(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/10/10	NPD	NPD	1,8	67	0,11/0,13	33	0,23/0,24	0,39	PASS
SGG CLIMAPLUS COOL-LITE XTREME F2 60/28 F2 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,5	60,00	0,14/0,16	25,66	0,39/0,44	0,28	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,5	59	0,14/0,16	24	0,39/0,35	0,28	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,5	58	0,14/0,16	24	0,32/0,35	0,28	PASS
SGG CLIMAPLUS N F2 ACOUSTIC 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,7	78	0,12/0,12	53	0,22/0,24	0,58	PASS
SGG CLIMAPLUS SAFE N F2 44.1(12 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,7	NPD	NPD	NPD	NPD	0,54	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN165 II F2 6(14 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/14/9	NPD	NPD	1,4	59	0,16/0,17	28	0,30/0,28	0,33	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(12 argon)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/12/4	NPD	NPD	1,3	77	0,12/0,12	47	0,16/0,26	0,54	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N 44.2(15 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/1C2	40K/200K	9/15/6	36(-1;-4)	NPD	1,1	77,25	0,12/0,12	47,76	0,19/0,24	0,53	PASS
SGG CLIMAPLUS SECURIT PROTECT 4S 44.2(15 argon)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/1C2	40K/200K	9/15/6	36(-1;-4)	NPD	1,1	68,79	0,12/0,13	35,08	0,23/0,31	0,39	PASS
SGG CLIMAPLUS 4S F2 6(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	NPD	NPD	1,4	69,83	0,12/0,13	37,66	0,30/0,31	0,41	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN 074 F2 10(10 argon)66.1Si DIAMA	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/10/12	NPD	NPD	1,4	69	0,11/0,12	38	0,33/0,32	0,42	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN 074 F2 10(12 argon)44.1Si DIAMA	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/12/8	NPD	NPD	1,3	70	0,11/0,12	39	0,33/0,33	0,42	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 10(16 argon)66.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/16/12	41(-1;-3)	NPD	1,1	70	0,11/0,12	39	0,33/0,33	0,42	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN 074 F2 12(16 argon)66.1Si DIAMA	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	12/16/12	NPD	NPD	1,1	69	0,11/0,12	38	0,32/0,32	0,42	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 55.1(12 argon)44.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/9	NPD	NPD	1,3	70	0,11/0,12	38	0,29/0,33	0,41	PASS
SGG CLIMAPLUS PROTECT SAFE COOL-LITE SKN 074 II F2 HN112-S(10 argon	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/NPD	1B1/2B2	40K/40K	12/10/12	NPD	NPD	1,4	69	0,11/0,12	37	0,25/0,31	0,40	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 065 F2 64.4(16 argon)55.1 DIAM	NPD	NPD	NPD	NPD	NPD	NPD	1B1/2B2	40K/40K	12/16/10	NPD	NPD	1,1	61	0,16/0,17	29	0,28/0,38	0,32	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 66.1(16 argon)65.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/11	NPD	NPD	1,1	69	0,11/0,12	38	0,29/0,32	0,41	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 065 F2 88.4(16 argon)66.1Si DIAN	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/2B2	40K/40K	18/16/12	NPD	NPD	1,1	60	0,16/0,17	28	0,26/0,37	0,31	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,3	64,99	0,26/0,24	39,76	0,42/0,40	0,42	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM 4S F2 6(24 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/4	NPD	NPD	1,3	64,39	0,26/0,24	38,80	0,38/0,40	0,42	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(24 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/6	NPD	NPD	1,3	64,40	0,26/0,24	38,80	0,42/0,37	0,42	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(24 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(24 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/24/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,8	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(10 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/10/7	NPD	NPD	1,8	78,66	0,12/0,12	50,23	0,26/0,21	0,58	PASS
SGG CLIMALPLUS SAFE COOL-LITE KNT 140 F2 6(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	2,0	36,89	0,23/0,12	22,08	0,24/0,21	0,28	PASS
SGG CLIMALPLUS SECURIT SAFE COLOR COOL-LITE KNT 140 F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SGG CLIMAPLUS ULTRA N F3 6(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	31(-1;-4)	NPD	1,4	78,42	0,12/0,12	51,83	0,25/0,24	0,61	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,3	64,99	0,26/0,24	39,76	0,42/0,40	0,42	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM S F2 6(12 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS SAFE SILENCE N F2 8(15 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/15/8	NPD	NPD	1,4	76,42	0,12/0,12	47,50	0,20/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE N F2 10(12 air)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	P2A/1B1	40K/40K	10/12/9	NPD	NPD	1,6	75,49	0,12/0,12	45,29	0,18/0,18	0,54	PASS
SGG CLIMAPLUS SILENCE SAFE COOL-LITE SKN 074 F2 88.1(16 argon)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/12	NPD	NPD	1,1	69	0,11/0,12	37	0,27/0,31	0,40	PASS
SGG CLIMAPLUS SILENCE SAFE COOL-LITE SKN 065 F2 88.1(16 argon)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/16/12	NPD	NPD	1,1	60	0,16/0,17	29	0,31/0,37	0,32	PASS
SGG CLIMAPLUS SECURIT PROTECT SILENCE COOL-LITE SKN 065 F2 HN112-S	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/NPD	1B1/2B2	40K/40K	12/16/12	NPD	NPD	1,1	60	0,16/0,17	29	0,28/0,37	0,32	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,0	64,99	0,26/0,24	39,76	0,42/0,40	0,42	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE SKN 154 F2 6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,2	50,46	0,18/0,22	24,44	0,34/0,42	0,27	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE SKN 154 F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,0	50,46	0,18/0,22	24,44	0,34/0,42	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,2	50	0,18/0,23	24	0,34/0,40	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,0	50	0,18/0,23	24	0,34/0,40	0,27	PASS
SGG CLIMAPLUS BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,2	49	0,20/0,24	23	0,34/0,41	0,26	PASS
SGG CLIMAPLUS BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,0	49	0,20/0,24	23	0,34/0,41	0,26	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,2	50,01	0,18/0,22	24,05	0,34/0,38	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/6	NPD	NPD	1,0	50,01	0,18/0,22	24,05	0,34/0,38	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/10	NPD	NPD	1,2	49,12	0,18/0,21	23,28	0,34/0,32	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/10	NPD	NPD	1,0	49,12	0,18/0,21	23,28	0,34/0,32	0,27	PASS
SGG CLIMAPLUS BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,2	48	0,20/0,23	22	0,34/0,32	0,26	PASS
SGG CLIMAPLUS BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/10	NPD	NPD	1,0	48	0,20/0,23	22	0,34/0,32	0,26	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 8(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/6	NPD	NPD	1,2	49,56	0,18/0,22	23,68	0,31/0,38	0,27	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 8(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	NPD	NPD	1,0	49,56	0,18/0,22	23,68	0,31/0,38	0,27	PASS
SGG CLIMAPLUS BIOCLEAN F1 COOL-LITE SKN 154 F2 8(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/12/6	NPD	NPD	1,2	48	0,20/0,24	23	0,32/0,39	0,26	PASS
SGG CLIMAPLUS BIOCLEAN F1 COOL-LITE SKN 154 F2 8(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/15/6	NPD	NPD	1,0	48	0,20/0,24	23	0,32/0,39	0,26	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/7	NPD	NPD	1,2	49,71	0,18/0,22	22,76	0,34/0,33	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(15 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/7	NPD	NPD	1,0	49,71	0,18/0,22	22,76	0,34/0,33	0,27	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/7	NPD	NPD	1,2	48	0,20/0,24	22	0,34/0,34	0,26	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/7	NPD	NPD	1,0	48	0,20/0,24	22	0,34/0,34	0,26	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,2	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,0	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	37(-1;-4)	NPD	1,2	48	0,20/0,23	22	0,34/0,32	0,26	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	36(-1;-4)	NPD	1,0	48	0,20/0,23	22	0,34/0,32	0,26	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN 154 F2 6(12 argon)44.2S	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	1,2	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN 154 F2 6(15 argon)44.2S	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,0	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SGG CLIMAPLUS PROTECT SILENCE BIOCLEAN F1 COOL-LITE SKN 154 F2 6(1	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	1,2	48	0,20/0,23	22	0,34/0,32	0,26	PASS
SGG CLIMAPLUS PROTECT SILENCE BIOCLEAN F1 COOL-LITE SKN 154 F2 6(1	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	39(-2;-6)	NPD	1,0	48	0,20/0,23	22	0,34/0,32	0,26	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,2	48,83	0,18/0,21	22,11	0,34/0,29	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,0	48,83	0,18/0,21	22,11	0,34/0,29	0,27	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,2	47	0,20/0,23	21	0,34/0,29	0,26	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,0	47	0,20/0,23	21	0,34/0,29	0,26	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	NPD	NPD	1,2	48,39	0,18/0,21	21,80	0,34/0,27	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 6(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,0	48,39	0,18/0,21	21,80	0,34/0,27	0,27	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,2	47	0,20/0,23	21	0,34/0,27	0,26	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 6(15 argon)	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,0	47	0,20/0,23	21	0,34/0,27	0,26	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN 154 F2 6(12 argon)66.2S	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	NPD	NPD	1,2	48,39	0,18/0,21	21,80	0,34/0,27	0,27	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN 154 F2 6(15 argon)66.2S	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,0	48,39	0,18/0,21	21,80	0,34/0,27	0,27	PASS
SGG CLIMAPLUS PROTECT SILENCE BIOCLEAN F1 COOL-LITE SKN 154 F2 6(1	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,2	47	0,20/0,23	21	0,34/0,27	0,26	PASS
SGG CLIMAPLUS PROTECT SILENCE BIOCLEAN F1 COOL-LITE SKN 154 F2 6(1	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/11	NPD	NPD	1,0	47	0,20/0,23	21	0,34/0,27	0,26	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 8(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/11	NPD	NPD	1,2	48,39	0,18/0,21	21,80	0,31/0,29	0,27	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN 154 F2 8(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/11	NPD	NPD	1,0	48,39	0,18/0,21	21,80	0,31/0,29	0,26	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 8(12 argon)	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/11	NPD	NPD	1,2	47	0,20/0,23	21	0,32/0,29	0,26	PASS
SGG CLIMAPLUS PROTECT BIOCLEAN F1 COOL-LITE SKN 154 F2 8(15 argon)	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/12/11	NPD	NPD	1,0	47	0,20/0,23	21	0,32/0,29	0,26	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,6	76,56	0,12/0,12	46,60	0,20/0,20	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,6	77,48	0,12/0,12	48,49	0,24/0,20	0,60	PASS
SGG CLIMAPLUS ULTRA N F3 10(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/10/6	NPD	NPD	1,6	76,99	0,12/0,12	48,88	0,20/0,24	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,24/0,20	0,60	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(14 air)44.1 COLOR GREEN	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(14 air)44.1 COLOR GREEN	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/8	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 66.2Si(15 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/13	47(-2;-6)	NPD	1,1	73,41	0,11/0,11	41,57	0,16/0,16	0,53	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 6(16 air)SP615	NPD	NPD	NPD	NPD	NPD	NPD/P6B	1C3/1B1	200K/40K	6/16/15	NPD	NPD	1,4	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	2,1	78,18	0,12/0,12	49,72	0,26/0,20	0,57	PASS

CE	Leistungserklärung				FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg													
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SAFE ULTRA N F2 4(8 air)44.1 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	2,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N F2 4(12 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,6	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 6(8 air)SP615	NPD	NPD	NPD	NPD	NPD	NPD/P6B	1C2/1B1	200K/40K	6/8/15	NPD	NPD	2,1	76,79	0,12/0,12	46,71	0,24/0,17	0,59	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/4	NPD	NPD	1,4	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 6(16 argon)SP615	NPD	NPD	NPD	NPD	NPD	NPD/P6B	1C3/1B1	200K/40K	6/16/15	NPD	NPD	1,1	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 6(8 argon)SP615	NPD	NPD	NPD	NPD	NPD	NPD/P6B	1C3/1B1	200K/40K	6/8/15	NPD	NPD	1,7	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,6	66,44	0,11/0,11	46,19	0,19/0,21	0,50	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(18 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(18 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,6	66	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.1(15 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	6/15/13	NPD	NPD	1,1	73,63	0,11/0,11	41,98	0,17/0,16	0,50	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.1(15 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	6/15/13	NPD	NPD	1,4	74	0,11/0,11	42	0,17/0,16	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/6	NPD	NPD	1,7	62,85	0,25/0,24	34,86	0,32/0,33	0,39	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(10 air)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/8	NPD	NPD	1,8	75,41	0,12/0,12	45,10	0,17/0,22	0,51	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(10 air)8 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/8	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 66.1(15 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/15/10	NPD	NPD	1,5	62,58	0,11/0,11	37,25	0,14/0,15	0,45	PASS
SGG CLIMAPLUS PROTECT 4S F2 4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/16/9	37(-2;-6)	NPD	1,1	69,41	0,12/0,13	35,70	0,33/0,25	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,8	64,87	0,11/0,11	41,04	0,15/0,17	0,47	PASS
SGG CLIMAPLUS ULTRA N F2 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-4)	NPD	1,1	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,6	66,44	0,11/0,11	46,19	0,20/0,20	0,52	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 66.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/12/4	NPD	NPD	1,6	76,78	0,12/0,12	47,31	0,18/0,26	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/20/4	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 ACOUSTIC 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	35(-1;-5)	NPD	1,3	64,39	0,26/0,24	38,80	0,38/0,40	0,42	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 8(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2)/2B	200K/40K	8/12/10	NPD	NPD	1,6	66,00	0,11/0,12	34,02	0,25/0,23	0,40	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(16 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/12	NPD	NPD	1,1	75,19	0,12/0,11	44,44	0,20/0,17	0,53	PASS
SGG CLIMAPLUS SAFE BIOCLEAN F1 ULTRA N F3 44.1(16 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/12	NPD	NPD	1,1	72,88	0,14/0,14	42,89	0,22/0,18	0,54	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	34(-1;-5)	NPD	1,4	79	0,12/0,12	53	0,25/0,26	0,61	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/8/8	NPD	NPD	2,0	62,28	0,25/0,23	34,12	0,32/0,31	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/4	NPD	NPD	1,5	63,62	0,25/0,24	36,14	0,32/0,40	0,39	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 8(12 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/12	NPD	NPD	1,2	58	0,16/0,16	27	0,27/0,25	0,32	PASS
SGG CLIMAPLUS PROTECT SKN065 F2 HN113-S(16 argon)55.1 DIAMANT	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/NPD	1B1/1B1	40K/40K	14/16/10	NPD	NPD	1,1	60	0,16/0,17	29	0,28/0,38	0,32	PASS
SGG CLIMAPLUS ACOUSTIC S F3 PARSOL GREY 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,5	32	0,06/0,10	25	0,10/0,19	0,38	PASS
SGG CLIMAPLUS PLANITHERM S F2 SILENCE 6(10 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/10	NPD	NPD	1,9	64,48	0,11/0,11	40,71	0,18/0,15	0,50	PASS
SGG CLIMAPLUS SAFE REFLECTASOL F2 PLANITHERM S F3 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,8	24	0,46/0,36	20	0,43/0,28	0,34	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 33.2(8 air)6	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD	40K/40K	7/8/6	NPD	NPD	2,1	77,95	0,12/0,12	48,96	0,21/0,24	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,6	78,77	0,12/0,12	52,52	0,24/0,26	0,57	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,9	56,84	0,14/0,10	38,30	0,16/0,15	0,46	PASS
SGG CLIMAPLUS SAFE N F3 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	77,00	0,12/0,12	49	0,23/0,18	0,62	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 ACOUSTIC 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,4	64,39	0,26/0,24	38,80	0,38/0,40	0,42	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 55.2(14 argon)SP510	NPD	NPD	NPD	NPD	NPD	P2A/P5A	1B1/1B1	40K/40K	11/14/10	NPD	NPD	1,1	75	0,11/0,12	43	0,18/0,16	0,54	PASS
SGG CLIMAPLUS ULTRA N F3 PARSOL GREY 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,4	49	0,07/0,10	36	0,16/0,26	0,43	PASS
SGG CLIMAPLUS ULTRA N F3 PARSOL GREY 4(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,5	49	0,07/0,10	36	0,16/0,26	0,43	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	33(-1;-3)	NPD	1,8	79,13	0,12/0,12	53,22	0,26/0,25	0,58	PASS
SGG CLIMAPLUS ACOUSTIC REFLECTASOL F2 ULTRA N F3 5(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/16/4	NPD	NPD	1,4	29,01	0,47/0,49	26,47	0,48/0,46	0,32	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(16 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT 155 F2 S F3 66.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,4	37	0,15/0,08	20	0,15/0,16	0,31	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 6(18 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,3	63,62	0,26/0,24	36,14	0,38/0,33	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 6(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,7	63,62	0,26/0,24	36,14	0,38/0,33	0,41	PASS
SGG CLIMAPLUS ULTRA N F2 ARENA C 4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 ARENA C 44.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(14 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	4/12/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,6	77	0,12/0,12	48	0,20/0,22	0,54	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 4(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,8	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS PLANITHERM ONE F2 F3 4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/4	NPD	NPD	0,9	62,25	0,29/0,29	34,78	0,45/0,45	0,39	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(10 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/10	NPD	NPD	1,8	76,78	0,12/0,12	47,31	0,24/0,19	0,56	PASS
SGG CLIMAPLUS SECURIT-H PROTECT ONE F3 6(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/16/10	NPD	NPD	1,0	68,25	0,22/0,22	38,29	0,35/0,26	0,48	PASS

CE	Leistungserklärung						FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg											
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SECURIT-H PROTECT ALARM ONE F3 6(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/16/10	NPD	NPD	1,0	68	0,22/0,22	38	0,35/0,26	0,49	PASS
SGG CLIMAPLUS SECURIT-H PROTECT COOL-LITE SKN154 II F2 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD/P4A	1C1/1B1	200K/40K	8/16/18	NPD	NPD	1,0	46,83	0,18/0,24	20,54	0,30/0,24	0,26	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 55.1(14 argon)44.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/14/8	NPD	NPD	1,1	70	0,11/0,12	38	0,29/0,33	0,41	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 074 F2 65.1(16 argon)66.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	11/16/12	NPD	NPD	1,1	69	0,11/0,12	38	0,29/0,31	0,41	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE SKN 065 F2 66.1(16 argon)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/12	NPD	NPD	1,1	61	0,16/0,17	29	0,32/0,37	0,33	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE SKN 074 F2 10(16 argon)66.1Si DI	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/16/12	41(-1;-3)	NPD	1,1	69	0,11/0,12	38	0,33/0,32	0,42	PASS
SGG CLIMAPLUS SAFE SILENCE COOL-LITE SKN 074 F2 10(14 argon)44.1Si DI	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/14/8	NPD	NPD	1,1	70	0,11/0,12	39	0,33/0,33	0,42	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 44.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/14/4	NPD	NPD	1,5	78,18	0,12/0,12	49,72	0,20/0,26	0,57	PASS
SGG CLIMAPLUS ULTRA N F3 ACOUSTIC 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	36(-1;-4)	NPD	1,1	77,71	0,12/0,12	50,50	0,23/0,24	0,59	PASS
SGG CLIMAPLUS SAFE SILENCE ULTRA N F2 4(8 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/6	NPD	NPD	2,1	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1 OPALE(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,4	78	0,12/0,12	49	0,22/0,22	0,55	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 4(12 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/10	NPD	NPD	1,6	77,48	0,12/0,12	48,49	0,26/0,19	0,57	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 ULTRA N F3 6(12air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	6/12/8	NPD	NPD	1,6	44,47	0,19/0,19	27,59	0,20/0,24	0,36	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 6(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,7	56,33	0,14/0,10	37,29	0,16/0,14	0,45	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,9	56,33	0,14/0,10	37,29	0,16/0,14	0,46	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/12	NPD	NPD	1,8	76,78	0,12/0,12	47,31	0,26/0,18	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/12	NPD	NPD	1,8	76,10	0,12/0,12	46,18	0,24/0,18	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 4(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/15/9	NPD	NPD	1,1	77,95	0,12/0,12	48,96	0,26/0,19	0,58	PASS
SGG CLIMAPLUS SILENCE ONE F3 8(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/9	36(-1;-5)	NPD	1,0	68,04	0,21/0,22	38,20	0,33/0,28	0,47	PASS
SGG CLIMAPLUS SILENCE ONE F3 44.2Si(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	42(-2;-6)	NPD	1,0	67,63	0,21/0,22	37,46	0,28/0,28	0,45	PASS
SGG CLIMAPLUS PROTECT ONE F3 66.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/15/9	40(-1;-4)	NPD	1,0	66,41	0,21/0,22	35,92	0,24/0,28	0,44	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(15 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/8	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N II F2 8(16 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/16/10	NPD	NPD	1,3	76,09	0,12/0,12	46,23	0,22/0,19	0,55	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N II F2 8(16 air)55.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/16/10	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,1	77,25	0,12/0,12	47,75	0,20/0,22	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ONE F3 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,0	70,35	0,22/0,23	43,04	0,36/0,39	0,49	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(16 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/10	NPD	NPD	1,3	61,71	0,25/0,23	33,42	0,32/0,29	0,39	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 44.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/4	NPD	NPD	1,6	78,18	0,12/0,12	49,72	0,20/0,26	0,57	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 44.1Si(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/4	NPD	NPD	1,6	78,18	0,12/0,12	49,72	0,20/0,26	0,57	PASS
SGG CLIMAPLUS ULTRA N F2 SWS 4(16 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/5	NPD	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 666.2(12 air)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	19/12/6	NPD	NPD	1,6	76,10	0,12/0,12	46,18	0,18/0,24	0,54	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 4(14 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,5	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 10(15 argon)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/15/13	NPD	NPD	1,1	74,50	0,12/0,12	43,13	0,20/0,16	0,57	PASS
SGG CLIMAPLUS SILENCE SAFE ULTRA N F2 4(14 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,5	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 55.1(20 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/20/10	NPD	NPD	1,5	63,14	0,11/0,11	38,14	0,14/0,15	0,46	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(16 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/10	NPD	NPD	1,3	75	0,12/0,11	43	0,17/0,19	0,51	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,8	78,18	0,12/0,12	49,72	0,26/0,20	0,57	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/6	NPD	NPD	1,6	78,41	0,12/0,12	51,89	0,24/0,25	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/8	36(-2;-5)	NPD	1,4	78,42	0,12/0,12	51,83	0,26/0,23	0,58	PASS
SGG CLIMAPLUS SKN 174 F2 88.1(14 air)66.1 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/14/12	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT-H PROTECT ULTRA N F3 55.2(20 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/(1C2/1C2	40K/200K	11/20/8	NPD	NPD	1,1	75,87	0,12/0,12	45,50	0,18/0,22	0,54	PASS
SGG CLIMAPLUS COOL-LITE SS 120 F2 S F3 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,8	15,02	0,24/0,25	10,01	0,24/0,28	0,18	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SS 120 F2 S F3 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/6	NPD	NPD	1,8	15,02	0,24/0,25	10,01	0,24/0,28	0,18	PASS
SGG CLIMAPLUS SAFE COOL-LITE SS 120 F2 S F3 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,9	15	0,24/0,24	9	0,24/0,24	0,18	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(12 air)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	2B2/1B1	40K/40K	8/12/11	NPD	NPD	1,6	76	0,12/0,12	45	0,20/0,18	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.2(12 air)55.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/12/11	NPD	NPD	1,6	75	0,12/0,12	45	0,19/0,19	0,52	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.2(12 argon)55.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/12/11	NPD	NPD	1,3	75,42	0,12/0,12	44,52	0,19/0,18	0,52	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 F3 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,5	51	0,32/0,31	26	0,44/0,37	0,34	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(12 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,61	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE SILENCE PLANITHERM S F2 6(18 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(14 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	2B2/1B1	40K/40K	8/14/10	NPD	NPD	1,4	76	0,12/0,12	45	0,20/0,17	0,53	PASS
SGG CLIMAPLUS PROTECT SILENCE SKN065 F2 HN113-S(16 argon)55.1Si DIA	NPD	NPD	NPD	BR1-S/NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	14/16/10	NPD	NPD	1,1	60	0,16/0,17	29	0,28/0,38	0,31	PASS
SGG CLIMAPLUS PROTECT SILENCE SKN065 F2 88.4(20 argon)66.2Si DIAMA	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	18/20/13	NPD	NPD	1,1	60	0,16/0,17	28	0,26/0,35	0,31	PASS
SGG CLIMAPLUS SILENCE SKN074 F2 66.1(14 argon)44.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/14/8	NPD	NPD	1,1	69	0,11/0,12	38	0,29/0,33	0,40	PASS
SGG CLIMAPLUS PROTECT SILENCE SKN074 F2 88.2Si(20 argon)66.1Si DIAM	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	17/20/12	NPD	NPD	1,1	68	0,11/0,12	37	0,26/0,31	0,40	PASS
SGG CLIMAPLUS SILENCE SKN074 F2 66.1Si(16 argon)65.1Si DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/11	NPD	NPD	1,1	69	0,11/0,12	38	0,29/0,32	0,40	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN 074 F2 10(20 argon)44.1Si DIAMA	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/20/8	NPD	NPD	1,1	70	0,11/0,12	39	0,33/0,33	0,42	PASS

CE	Leistungserklärung						FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg											
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS SILENCE PROTECT COOL-LITE SKN 074 F2 12(20 argon)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	12/20/17	NPD	NPD	1,1	69	0,11/0,12	37	0,32/0,28	0,42	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F3 44.1(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/18/4	NPD	NPD	1,3	63,62	0,24/0,26	36,15	0,31/0,41	0,44	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F3 44.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,3	63,62	0,24/0,26	36,15	0,31/0,41	0,44	PASS
SGG CLIMAPLUS PROTECT ANTELIO SILVER F1 ULTRA N F3 64.2(12 krypton)	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	11/12/6	NPD	NPD	1,1	57	0,33/0,28	36	0,33/0,32	0,43	PASS
SGG CLIMAPLUS SECURIT-H PROTECT COOL-LITE SKN154 II F2 8(16 argon)66	NPD	NPD	NPD	NPD	NPD	NPD/P4A	1C2/1B1	200K/100K	8/16/14	NPD	NPD	1,0	47,68	0,18/0,24	21,13	0,30/0,28	0,26	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 4(16 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	4/16/10	NPD	NPD	1,4	77,49	0,12/0,12	47,88	0,26/0,17	0,61	PASS
SGG CLIMAPLUS SECURIT-H PROTECT ONE F3 6(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/16/10	NPD	NPD	1,0	68,25	0,22/0,22	38,29	0,35/0,26	0,48	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 6(16 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/16/10	NPD	NPD	1,4	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 8(16 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	8/16/10	NPD	NPD	1,3	76,10	0,12/0,12	45,59	0,22/0,17	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 8(16 air)55.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	8/16/12	NPD	NPD	1,3	75,42	0,12/0,12	44,52	0,22/0,16	0,58	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/16/8	NPD	NPD	1,3	59,29	0,16/0,17	27,95	0,30/0,30	0,33	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 8(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/12/12	NPD	NPD	1,5	58,24	0,16/0,16	27,13	0,30/0,25	0,33	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT164 F2 88.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	16/12/10	NPD	NPD	1,8	53	0,13/0,10	32	0,11/0,13	0,39	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 6(14 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,6	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,6	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	1,8	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/8/8	NPD	NPD	2,1	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(10 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 10(24 argon)1010.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	10/24/22	NPD	NPD	1,1	62	0,10/0,11	30	0,23/0,13	0,39	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 10(15 argon)101010.8	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	10/15/33	NPD	NPD	1,1	62,00	0,10/0,11	29,66	0,23/0,13	0,39	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 8(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2)/2B	200K/40K	8/16/12	NPD	NPD	1,3	65,41	0,11/0,12	33,44	0,25/0,21	0,40	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 8(16 air)66.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2)/2B	200K/40K	8/16/12	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 8(24 air)66.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2)/2B	200K/40K	8/24/12	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN174 II F2 8(24 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	(1C2/1C2)/2B	200K/40K	8/24/12	NPD	NPD	1,4	65,41	0,11/0,12	33,44	0,25/0,21	0,40	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	38(-1;-4)	NPD	1,6	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 44.1Si(16 argon*)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/10	43(-1;-5)	NPD	1,1	76	0,12/0,12	46	0,20/0,20	0,56	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/6	NPD	NPD	1,6	64,87	0,11/0,11	41,04	0,15/0,17	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/6	NPD	NPD	1,3	65	0,11/0,11	41	0,15/0,17	0,47	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,8	64,40	0,26/0,24	38,80	0,42/0,37	0,42	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-4)	NPD	1,5	64,40	0,26/0,24	38,80	0,42/0,37	0,42	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,4	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,5	59,83	0,16/0,17	28,38	0,30/0,33	0,33	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/6	NPD	NPD	1,6	78,77	0,12/0,12	52,52	0,26/0,24	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/6	NPD	NPD	1,4	78,77	0,12/0,12	52,52	0,26/0,24	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/6	NPD	NPD	1,8	77	0,12/0,12	48	0,20/0,22	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 ARENA C 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(20 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/5	NPD	NPD	1,4	70,14	0,12/0,13	38,02	0,30/0,33	0,41	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(9 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	NPD	NPD	1,1	79	0,12/0,12	54	0,26/0,26	0,62	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 8(18 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/18/11	NPD	NPD	1,0	68	0,13/0,14	31	0,29/0,25	0,37	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/5	NPD	NPD	1,6	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(10 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/10	NPD	NPD	1,8	76	0,12/0,12	45	0,20/0,19	0,53	PASS
SGG CLIMAPLUS SAFE 4S F2 6(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/12	NPD	NPD	1,8	67,77	0,12/0,13	34,33	0,30/0,22	0,41	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1Si(12 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/12	NPD	NPD	1,6	75	0,12/0,11	44	0,20/0,17	0,53	PASS
SGG CLIMAPLUS SILENCE 4S F2 66.1Si(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/10/8	NPD	NPD	1,8	67	0,11/0,13	33	0,21/0,26	0,39	PASS
SGG CLIMAPLUS SILENCE 4S F2 55.1Si(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/10/8	NPD	NPD	1,8	68	0,11/0,13	34	0,23/0,26	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/4	NPD	NPD	1,8	65,65	0,11/0,11	42,83	0,16/0,21	0,48	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 REFLECTASOL F2 5 (15 air) 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/15/4	NPD	NPD	1,4	29	0,47/0,49	26	0,48/0,46	0,32	PASS
SGG CLIMAPLUS SECURIT SAFE STB 136 F2 ULTRA N F3 6(20 air)64.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	200K/40K	6/20/10	NPD	NPD	1,4	31,10	0,18/0,18	18,83	0,18/0,24	0,27	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,3	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(18 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/18/11	NPD	NPD	1,1	76	0,12/0,12	45	0,22/0,18	0,55	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 ARENA C 44.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/14/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	NPD	NPD	1,4	63,81	0,26/0,24	37,89	0,38/0,37	0,42	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(10 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 8(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/15/8	NPD	NPD	1,4	76,78	0,12/0,12	47,31	0,22/0,20	0,55	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 8(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/8	NPD	NPD	1,4	76,78	0,12/0,12	47,31	0,22/0,20	0,55	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 4(18 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/18/8	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 8(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/10	NPD	NPD	1,6	76,10	0,12/0,12	46,18	0,22/0,19	0,55	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 8(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/18/4	NPD	NPD	1,4	78,42	0,12/0,12	51,83	0,22/0,27	0,56	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 4(20 air)44.1 Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/20/8	NPD	NPD	1,6	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(20 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/20/8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,6	68	0,11/0,13	34	0,25/0,26	0,39	PASS
SGG CLIMAPLUS PROTECT N F2 4(12 air)666.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/8/8	NPD	NPD	1,6	76,42	0,12/0,12	47,51	0,23/0,17	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,3	77,25	0,12/0,12	47,75	0,20/0,22	0,53	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 4(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,5	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 4(14 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,4	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/20/8	NPD	NPD	1,8	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(20 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/2B2	6/20/6	NPD	NPD	1,4	70	0,12/0,13	36	0,30/0,28	0,41	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(8 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/8/8	NPD	NPD	2	75	0,12/0,12	44	0,17/0,20	0,51	PASS
SGG CLIMAPLUS ACOUSTIC REFLECTASOL F2 PLANITHERM S F3 4(14 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/5	NPD	NPD	1,6	24,21	0,47/0,37	22,92	0,46/0,33	0,35	PASS
SGG CLIMAPLUS ACOUSTIC ANTELIO F2 ULTRA N F3 5(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	NPD	NPD	1,6	41	0,28/0,31	32	0,33/0,37	0,38	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 6(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,4	79,13	0,12/0,12	53,22	0,25/0,26	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(18 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/5	NPD	NPD	1,4	78,77	0,12/0,12	52,52	0,24/0,26	0,57	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST150 F2 ULTRA N F3 66.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/8	NPD	NPD	1,6	44	0,19/0,19	27	0,18/0,24	0,35	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/10	NPD	NPD	1,8	76,78	0,12/0,12	47,31	0,24/0,19	0,56	PASS
SGG CLIMAPLUS SECURIT-H PLANITHERM ONE II F3 6(16 argon)8 SWS V	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/16/8	NPD	NPD	1,0	69,22	0,21/0,22	41,84	0,34/0,33	0,50	PASS
SGG CLIMAPLUS SECURIT-H PLANITHERM ONE F3 6(16 argon)6 SWS V	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/6	NPD	NPD	1,0	69,71	0,22/0,23	42,02	0,36/0,36	0,49	PASS
SGG CLIMAPLUS SECURIT-H PLANITHERM ONE F3 6(15 argon)6 SWS V	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	NPD	NPD	1,0	69,71	0,22/0,23	42,02	0,36/0,36	0,49	PASS
SGG CLIMAPLUS SECURIT-H PROTECT PLANITHERM ONE II F3 66.2(16 argon	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/1C2	40K/200K	13/16/8	NPD	NPD	1,0	67	0,20/0,22	37	0,24/0,33	0,44	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 ARENA C 4(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT COOL-LITE KNT155 F2 6(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/8	NPD	NPD	1,7	46,58	0,17/0,10	30,83	0,19/0,19	0,37	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT155 F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/16/8	NPD	NPD	1,7	46,44	0,17/0,10	29,39	0,19/0,17	0,37	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(20 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/5	NPD	NPD	1,4	70,14	0,12/0,13	38,02	0,30/0,33	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/5	NPD	NPD	1,4	70,14	0,12/0,13	38,02	0,30/0,33	0,41	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(16 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(20 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/5	NPD	NPD	1,4	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(20 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,3	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,5	64,87	0,11/0,11	41,04	0,15/0,17	0,47	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/6	NPD	NPD	1,4	77	0,12/0,12	48	0,20/0,22	0,53	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/8	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 ARENA C 44.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 4(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/5	NPD	NPD	1,6	67	0,11/0,11	47	0,20/0,20	0,52	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(14 air)33.1 COLOR GREY	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN074 F2 10(20 argon)66.4*	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	10/20/22	NPD	NPD	1,1	69	0,11/0,12	37	0,33/0,27	0,42	PASS
SGG CLIMAPLUS SILENCE COOL-LITE SKN074 F2 810.4(16 argon)66.4*	NPD	NPD	NPD	NPD	NPD	P2A/P4A	1B1/1B1	40K/40K	20/16/22	NPD	NPD	1,1	67	0,11/0,12	35	0,23/0,27	0,39	PASS
SGG CLIMAPLUS SAFE SILENCE N F2 8(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,4	76,42	0,12/0,12	47,50	0,20/0,19	0,56	PASS
SGG CLIMAPLUS SAFE SILENCE N F2 8(12 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/8	NPD	NPD	1,6	75,06	0,12/0,11	45,26	0,20/0,17	0,55	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(12air)4 PARSOL BRONZE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1;-4)	NPD	1,8	45	0,10/0,08	33	0,19/0,14	0,49	PASS
SGG CLIMAPLUS SILENCE SAFE ULTRA N F2 4(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS SAFE SILENCE ULTRA N F2 33.1(14 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/8	NPD	NPD	1,4	77	0,12/0,12	48	0,22/0,20	0,54	PASS
SGG CLIMAPLUS SECURIT SAFE 4S F2 66.1(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	12/12/8	NPD	NPD	1,6	67,16	0,11/0,13	33,75	0,21/0,29	0,39	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 6(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/8	NPD	NPD	1,5	59,29	0,16/0,17	27,95	0,30/0,30	0,33	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 8(16 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/16/10	NPD	NPD	1,3	58,24	0,16/0,16	27,13	0,27/0,28	0,32	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(22 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/22/8	NPD	NPD	1,4	77	0,12/0,12	48	0,24/0,20	0,56	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 8(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/12/8	NPD	NPD	1,6	76,78	0,12/0,12	47,31	0,22/0,20	0,55	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(22 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/22/8	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS COOL-LITE SKN 154 F2 6(15 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/8	NPD	NPD	1,0	49,56	0,18/0,22	23,67	0,34/0,35	0,27	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN154II F2 8(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/15/11	NPD	NPD	1,0	48,40	0,18/0,25	21,79	0,30/0,32	0,26	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154II F2 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/15/6	NPD	NPD	1,0	50,01	0,18/0,26	23,96	0,32/0,43	0,27	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154II F2 6(15 argon)6*	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/6	NPD	NPD	1,0	50,01	0,18/0,26	23,96	0,32/0,43	0,27	PASS
SGG CLIMAPLUS SECURIT SILENCE STB136 F2 ULTRA N II F3 6(16 air)64.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1C2/2B2	200K/40K	6/16/10	NPD	NPD	1,3	31,10	0,18/0,18	18,83	0,18/0,24	0,27	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(12 air)33.1 PARSOL GREEN	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,6	64	0,11/0,09	31	0,26/0,08	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 air)33.1 PARSOL GREEN	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,6	63	0,11/0,09	30	0,19/0,08	0,50	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(8 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/6	NPD	NPD	2,0	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMALIT SAFE STB120 F2 ULTRA N F3 8(16 air) 66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/12	NPD	NPD	1,3	18,77	0,21/0,27	10,95	0,19/0,26	0,17	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	NPD	NPD	1,3	64,99	0,26/0,24	39,76	0,42/0,40	0,42	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	1,5	63,62	0,26/0,24	36,15	0,41/0,31	0,42	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(10 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/8	NPD	NPD	1,8	77,71	0,12/0,12	50,50	0,24/0,23	0,57	PASS

CE

Leistungserklärung

FGT Glaswerk GmbH
Industriepark Kleinkoschen, D-01968 Senftenberg

EN 1279-5:2005+A2:2010

Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken **System zur Bewertung der Leistungsbeständigkeit : 3**

Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,20/0,24	0,53	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,9	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(6 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/6/6	NPD	NPD	2,5	62	0,11/0,11	41	0,15/0,17	0,48	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(12 air)6 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,3	68	0,11/0,13	34	0,25/0,26	0,39	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,4	69	0,12/0,13	35	0,25/0,28	0,39	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE XTREME 60/28 F2 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,0	60,27	0,14/0,16	25,83	0,39/0,46	0,28	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(12 air)55.3 COLOR VANCEVA 44	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	8/12/11	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(12 air)55.3 COLOR VANCEVA 33	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	8/12/11	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/8	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	1,5	65,65	0,11/0,11	42,83	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,5	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 4(16 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE BIOCLEAN F1 PLANITHERM S F2 4(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	1,5	64	0,14/0,13	41	0,21/0,17	0,49	PASS
SGG CLIMAPLUS SAFE 4S 66.1(10 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/14/5	NPD	NPD	1,8	68,07	0,11/0,13	34,62	0,21/0,33	0,39	PASS
SGG CLIMAPLUS SAFE 4S 66.1(14 air)5	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/14/5	NPD	NPD	1,4	68,07	0,11/0,13	34,62	0,21/0,33	0,38	PASS
SGG CLIMAPLUS PLANITHERM S F2 66.1(10 air)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/8	NPD	NPD	1,9	63,33	0,11/0,11	38,77	0,14/0,18	0,45	PASS
SGG CLIMAPLUS PLANITHERM S F2 44.1(16 air)6 SATINOVO	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,5	65,06	0,11/0,11	41,75	0,16/0,19	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,8	64,87	0,11/0,11	41,04	0,15/0,17	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,5	63	0,25/0,24	35	0,32/0,33	0,39	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE KNT140 F2 8(16 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/16/13	NPD	NPD	1,5	35,49	0,23/0,11	19,90	0,22/0,16	0,27	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE KNT140 F2 6(16 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/16/6	NPD	NPD	1,6	36,45	0,23/0,12	21,23	0,24/0,19	0,28	PASS
SGG CLIMAPLUS PLANITHERM S F2 66.1(20 air)8	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/20/8	NPD	NPD	1,5	63,33	0,11/0,11	38,77	0,14/0,18	0,45	PASS
SGG CLIMAPLUS SECURIT 4S F2 4(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C2	40K/200K	4/16/6	NPD	NPD	1,4	70,46	0,12/0,13	38,39	0,33/0,31	0,42	PASS
SGG CLIMAPLUS SECURIT 4S F2 4(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C2	40K/200K	4/16/8	NPD	NPD	1,4	69,83	0,12/0,13	37,66	0,33/0,29	0,42	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP 510(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/15/6	NPD	NPD	1,1	76,11	0,12/0,12	45,40	0,16/0,22	0,54	PASS
SGG CLIMAPLUS PROTECT KS147 F2 6(16 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	6/16/10	NPD	NPD	1,1	42,05	0,44/0,39	23,23	0,45/0,34	0,29	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,3	68,79	0,12/0,13	35,08	0,25/0,28	0,39	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 4(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/10	NPD	NPD	1,8	77,48	0,12/0,12	48,49	0,26/0,19	0,57	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	34(-1;-4)	NPD	1,4	79,13	0,12/0,12	53,22	0,26/0,25	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(12 air)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	2B2/1B1	40K/40K	8/12/10	NPD	NPD	1,6	75,42	0,12/0,12	44,33	0,20/0,16	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(8 air)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	2B2/1B1	40K/40K	8/8/10	NPD	NPD	2,0	75,42	0,12/0,12	44,33	0,20/0,16	0,53	PASS
SGG CLIMAPLUS ULTRA N F2 4(14 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/8	NPD	NPD	1,5	78,42	0,12/0,12	51,83	0,26/0,23	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,4	77,25	0,12/0,12	47,75	0,20/0,22	0,53	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/10	NPD	NPD	1,6	74,52	0,12/0,11	43,42	0,17/0,19	0,51	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(16 argon)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	1,1	77,02	0,12/0,12	46,96	0,16/0,26	0,54	PASS
SGG CLIMALIT SECURIT SAFE COOL-LITE ST120 F2 ULTRA N F3 8(14 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/14/12	NPD	NPD	1,4	17,06	0,32/0,25	9,99	0,25/0,25	0,16	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 44.1(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,3	76,56	0,12/0,12	46,60	0,20/0,20	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 44.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 44.1(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,1	77,48	0,12/0,12	48,49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,3	64,87	0,11/0,11	41,04	0,15/0,17	0,47	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(16 argon)6 SATINOVO	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 ACOUSTIC 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,8	64,39	0,26/0,24	38,80	0,38/0,40	0,42	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 4(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/6	NPD	NPD	2,0	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS SAFE 4S F3 4(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	1,6	69,62	0,13/0,12	36,16	0,34/0,25	0,52	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,5	63,62	0,26/0,24	36,14	0,38/0,33	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/12	NPD	NPD	1,7	63,14	0,11/0,11	38,14	0,15/0,14	0,47	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 6(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/7	NPD	NPD	1,6	77,95	0,12/0,12	48,96	0,24/0,21	0,56	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,5	63,81	0,26/0,24	37,89	0,38/0,37	0,42	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(16 argon)44.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,1	80,14	0,12/0,12	53,69	0,26/0,26	0,58	PASS
SGG CLIMAPLUS PROTECT SILENCE SECURIT COOL-LITE SKN174 II 8(16 argo	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2//1B1	200K/40K	8/16/11	NPD	NPD	1,1	65,80	0,11/0,12	33,59	0,25/0,22	0,40	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.1(24 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P1A	1B1/2B2	40K/40K	8/24/13	NPD	NPD	1,4	74,96	0,12/0,11	43,94	0,20/0,16	0,53	PASS
SGG CLIMAPLUS SAFE 4S F2 66.1(18 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/18/10	NPD	NPD	1,1	66,37	0,11/0,13	32,78	0,21/0,24	0,38	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(18 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,1	78,77	0,12/0,12	52,52	0,24/0,26	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 8(15 argon)88.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,1	64,07	0,11/0,11	31,96	0,26/0,17	0,40	PASS
SGG CLIMAPLUS COOL-LITE SKN174 6(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD	40K/40K	6/15/6	NPD	NPD	1,1	68,01	0,11/0,12	37,36	0,28/0,31	0,41	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS COOL-LITE SKN174 8(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD	40K/40K	8/15/6	NPD	NPD	1,1	67,40	0,11/0,12	36,65	0,26/0,31	0,40	PASS
SGG CLIMAPLUS PLANITHERM S F2 44.1(12 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE 4S F2 4(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/8/8	NPD	NPD	1,8	69,62	0,12/0,13	36,16	0,33/0,26	0,42	PASS
SGG CLIMAPLUS ACOUSTIC REFLECTASOL F2 PLANITHERM S F3 5(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/5	NPD	NPD	1,6	23,98	0,47/0,36	22,06	0,44/0,32	0,34	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,3	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS PROTECT PLANITHERM 4S F2 66.1(8 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	2B2/1B1	40K/40K	12/8/9	NPD	NPD	2,0	60,97	0,24/0,23	32,40	0,28/0,29	0,38	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 6(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,9	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/8	NPD	NPD	1,1	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/12	NPD	NPD	1,8	75	0,12/0,11	44	0,20/0,17	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/8	NPD	NPD	1,4	77,71	0,12/0,12	50,50	0,24/0,23	0,57	PASS
SGG CLIMAPLUS PROTECT 4S F2 6(12 argon)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/13	NPD	NPD	1,3	67,56	0,12/0,12	33,90	0,30/0,21	0,41	PASS
SGG CLIMAPLUS SAFE 4S F2 6(12 argon)66.1 PARSOL GREY	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,3	16	0,10/0,05	10	0,29/0,07	0,38	PASS
SGG CLIMAPLUS SAFE 4S F2 6(12 argon)66.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 4(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1B1	40K/40K	4/14/7	NPD	NPD	1,8	65,45	0,11/0,11	42,10	0,20/0,15	0,51	PASS
SGG CLIMAPLUS ULTRA N F3 5(13 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/13/4	NPD	NPD	1,2	79	0,12/0,12	54	0,26/0,26	0,62	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(10 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/12	NPD	NPD	1,9	63,14	0,11/0,11	38,14	0,15/0,14	0,47	PASS
SGG CLIMAPLUS PROTECT 4S F2 44.2(16 argon)SP510	NPD	NPD	NPD	NPD	NPD	P2A/P5A	1B1/1B1	40K/40K	9/16/9	NPD	NPD	1,1	66,97	0,11/0,12	32,95	0,23/0,21	0,38	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(16 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 6(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	NPD	NPD	1,8	64,87	0,11/0,11	41,04	0,18/0,15	0,50	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/10	NPD	NPD	1,6	73,85	0,12/0,11	42,45	0,17/0,17	0,51	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN065 F2 10(20 air)1010.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/20/20	NPD	NPD	1,4	61	0,16/0,17	29	0,36/0,33	0,34	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN065 F2 10(20 air)55.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/20/10	NPD	NPD	1,4	61	0,16/0,17	30	0,36/0,38	0,34	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN065 F2 10(14 air)55.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/20/10	NPD	NPD	1,4	61	0,16/0,17	30	0,36/0,38	0,34	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN065 F2 10(20 air)10 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C1	40K/200K	10/20/10	NPD	NPD	1,4	62	0,16/0,17	32	0,36/0,42	0,34	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/10	NPD	NPD	1,6	76	0,12/0,12	45	0,20/0,19	0,53	PASS
SGG CLIMAPLUS SECURIT SAFE KNT 440 F2 46.1 (14 air) 44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	200K/40K	100/14/8	NPD	NPD	1,6	29	0,16/0,12	14	0,10/0,20	0,19	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,8	79,13	0,12/0,12	53,22	0,27/0,24	0,62	PASS
SGG CLIMAPLUS SAFE 4S F2 6(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS SAFE 4S F2 6(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,3	69,00	0,12/0,13	35,53	0,30/0,26	0,41	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(14 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP514(13 argon)33.2	NPD	NPD	NPD	NPD	NPD	P5A/P1A	1B1/1B1	40K/40K	14/13/7	NPD	NPD	1,2	75	0,11/0,12	43	0,14/0,20	0,51	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP514(13 krypton)33.2	NPD	NPD	NPD	NPD	NPD	P5A/P1A	1B1/1B1	40K/40K	14/13/7	NPD	NPD	1,1	75	0,11/0,12	43	0,14/0,20	0,51	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,3	64,99	0,26/0,24	39,76	0,42/0,40	0,42	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 44.1(20 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/20/12	NPD	NPD	1,5	63,14	0,11/0,11	38,14	0,15/0,14	0,47	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(15 air)1010.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/10	NPD	NPD	1,3	71,23	0,11/0,11	38,51	0,17/0,13	0,50	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(20 argon)66.3	NPD	NPD	NPD	NPD	NPD	NPD/P3A	NPD/1B1	40K/40K	4/20/13	NPD	NPD	1,1	76,33	0,12/0,11	46,07	0,26/0,16	0,57	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 1212.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	25/15/9	NPD	NPD	1,1	70,42	0,11/0,11	37,20	0,11/0,19	0,46	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(12 argon)SP510 OPALE	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	4/12/10	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE S F2 4 (12 air) 33.1 OPAL	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT S F2 4 (15 air) 33.2 OPAL	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/15/7	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT S F2 4 (14 air) 33.2 OPAL	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/14/7	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE S F2 4 (14 air) 33.1 OPAL	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN165 II F2 10(12 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C1/1B1	200K/40K	10/12/9	NPD	NPD	1,5	58,06	0,16/0,17	26,74	0,25/0,28	0,32	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N II F2 ULTRA N F3 DIAMANT 4(8	NPD	NPD	NPD	NPD/BR1-S	NPD	NPD	1C3/1B1	200K/40K	4/8/20	NPD	NPD	1,6	78	0,10/0,10	46	0,33/0,21	0,56	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN154 F2 44.2(16 argon)55.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/16/11	NPD	NPD	1,0	48,10	0,18/0,21	21,44	0,27/0,29	0,25	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	1,6	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N II F2 ULTRA N F3 DIAMANT 8(8	NPD	NPD	NPD	NPD/BR1-S	NPD	NPD	1C2/1B1	200K/40K	8/8/20	NPD	NPD	1,6	77	0,10/0,10	45	0,33/0,21	0,55	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F2 & F3 DIAMANT 8(12 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/12/8	NPD	NPD	1,2	79	0,10/0,10	50	0,31/0,31	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/8	NPD	NPD	1,8	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS PROTECT 4S F2 6(10 air)1010.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/10/21	NPD	NPD	1,8	65,17	0,11/0,12	31,55	0,30/0,15	0,40	PASS
SGG CLIMAPLUS PROTECT 4S F2 6(8 air)HN222-S	NPD	NPD	NPD	NPD/BR2-S	NPD	NPD	NPD/1B1	40K/40K	6/8/22	NPD	NPD	2,0	64	0,11/0,12	30	0,30/0,13	0,40	PASS
SGG CLIMAPLUS ACOUSTIC PLANISTAR SUN F2 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	35(-2;-5)	NPD	1,3	70,78	0,13/0,15	34,91	0,32/0,39	0,38	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(20 argon)HN120-S	NPD	NPD	NPD	NPD/BR1-S	NPD	NPD/NPD	NPD/1B1	40K/40K	4/20/20	NPD	NPD	1,1	76,56	0,12/0,12	46,61	0,26/0,17	0,57	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN174 F2 66.1(14 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/14/8	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS COOL-LITE STB136 F2 ULTRA N F3 4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,2	32,35	0,18/0,19	21,78	0,19/0,33	0,27	PASS
SGG CLIMAPLUS ULTRA N F2 4(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,4	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 33.1Si(10 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/8	NPD	NPD	1,4	77,25	0,12/0,12	47,75	0,22/0,20	0,58	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 6(20 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/20/12	NPD	NPD	1,5	63,90	0,11/0,11	39,72	0,18/0,14	0,49	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(18 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/18/6	NPD	NPD	1,4	77,25	0,12/0,12	47,75	0,20/0,22	0,53	PASS

CE	Leistungserklärung				FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg													
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT 4S F2 6(12 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/12/10	NPD	NPD	1,6	68,38	0,12/0,13	34,49	0,30/0,22	0,41	PASS
SGG CLIMAPLUS 4S F2 ARENA C 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1 OPALE(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/18/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 ARENA C 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(10 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS PROTECT ONE F3 4(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/16/8	NPD	NPD	1,0	68,87	0,22/0,22	39,15	0,38/0,26	0,50	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(10 air)4 SATINOVO	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC PLANISTAR SUN F2 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,4	70,78	0,13/0,15	34,91	0,32/0,39	0,38	PASS
SGG CLIMAPLUS SILENCE PLANISTAR SUN F2 6(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,5	69,94	0,13/0,15	33,14	0,32/0,32	0,38	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,6	77	0,12/0,12	48	0,20/0,22	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 air)44.1 PARSOL BRONZE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,6	34,53	0,10/0,06	22,72	0,19/0,09	0,49	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(20 air)66.1 PARSOL BRONZE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/12	NPD	NPD	1,4	22,50	0,09/0,05	14,47	0,16/0,07	0,47	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/2B2	6/10/6	NPD	NPD	1,8	69,62	0,12/0,13	36,16	0,30/0,28	0,41	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1Si(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/8	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 F2 8(16 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/10	NPD	NPD	1,3	48,54	0,18/0,21	22,07	0,31/0,30	0,27	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 F2 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,3	48,97	0,18/0,22	22,39	0,31/0,32	0,27	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 F2 ULTRA N F3 8(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,3	47,77	0,17/0,19	21,30	0,31/0,30	0,27	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/8	NPD	NPD	1,7	62,28	0,25/0,23	34,12	0,32/0,31	0,39	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/8	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 6(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,4	63,62	0,26/0,24	36,14	0,38/0,33	0,41	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1;-4)	NPD	1,6	64,99	0,26/0,24	39,76	0,42/0,40	0,43	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(12 air)44.1 PARSOL GREEN	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/8	NPD	NPD	1,6	59,21	0,11/0,09	26,92	0,23/0,07	0,52	PASS
SGG CLIMAPLUS ULTRA N F2 4(14 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/4	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/5	NPD	NPD	1,4	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(16 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/16/7	NPD	NPD	1,4	78,66	0,12/0,12	50,23	0,26/0,21	0,58	PASS
SGG CLIMAPLUS SILENCE PLANISTAR SUN F2 6(20 argon)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/20/6	NPD	NPD	1,1	69,94	0,13/0,15	33,14	0,32/0,32	0,37	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/12	NPD	NPD	1,5	61,16	0,25/0,23	32,74	0,32/0,27	0,39	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 66.1(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/10/8	NPD	NPD	1,8	75,19	0,12/0,12	44,44	0,17/0,20	0,51	PASS
SGG CLIMAPLUS ULTRA N F3 SATINOVO MATE 4(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/6	33(-1;-4)	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT 4S F2 8(15 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/15/11	NPD	NPD	1,1	67,56	0,11/0,13	33,90	0,27/0,22	0,40	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(16 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 44.1(15 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	2B2/1B1	40K/40K	8/15/13	NPD	NPD	1,5	62,96	0,11/0,11	37,66	0,15/0,14	0,46	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 6(15 air)66.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/13	NPD	NPD	1,5	63,71	0,11/0,11	39,07	0,18/0,14	0,49	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/12	NPD	NPD	1,3	61,16	0,25/0,23	32,74	0,32/0,27	0,39	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 66.1(12 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/10	NPD	NPD	1,6	75	0,12/0,11	43	0,17/0,19	0,51	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(16 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/12	NPD	NPD	1,3	76,10	0,12/0,12	46,18	0,24/0,18	0,56	PASS
SGG CLIMAPLUS SECURIT SAFE ST108 F2 ULTRA N F3 10(16 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	200K/40K	10/16/12	41(-1;-3)	NPD	1,1	6,79	0,43/0,34	3,83	0,34/0,30	0,08	PASS
SGG CLIMAPLUS SECURIT SAFE ST136 F2 ULTRA N F3 10(16 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	200K/40K	10/16/12	41(-1;-3)	NPD	1,1	31,14	0,22/0,19	17,82	0,18/0,22	0,25	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(16 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	4/16/10	NPD	NPD	1,1	77,02	0,12/0,12	46,96	0,26/0,16	0,57	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 8(16 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	8/16/11	NPD	NPD	1,1	75,87	0,12/0,12	45,50	0,22/0,18	0,59	PASS
SGG CLIMAPLUS SECURIT SAFE ST 108 F2 ULTRA N II F3 10 (16 argon) 66.1	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1C1/2B2	200K/200K	10/16/12	41(-1;-3)	NPD	1,1	7	0,43/0,34	4	0,34/0,30	0,08	PASS
SGG CLIMAPLUS SECURIT SAFE ST 136 F2 ULTRA N II F3 10 (16 argon) 66.1	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1C1/2B2	200K/200K	10/16/12	41(-1;-3)	NPD	1,1	31	0,22/0,19	18	0,18/0,22	0,25	PASS
SGG CLIMAPLUS SILENCE PLANISTAR SUN F2 6(14 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/2B2	6/14/10	NPD	NPD	1,4	69	0,13/0,14	32	0,32/0,27	0,37	PASS
SGG CLIMAPLUS PROTECT COOL-LITE XTREME 60/28 F2 66.2(12 air)55.1	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/2B2	40K/40K	13/12/10	NPD	NPD	1,5	56,62	0,13/0,15	22,89	0,26/0,32	0,27	PASS
SGG CLIMAPLUS 4S F2 ARENA C 6(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/20/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F3 66.1Si(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/8	NPD	NPD	1,5	61,16	0,23/0,25	32,74	0,27/0,32	0,42	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(16 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN154II F2 8(12 air)HN323-!	NPD	NPD	NPD	NPD/BR3-S	NPD	NPD/NPD	1C2/1B1	200K/40K	8/12/24	NPD	NPD	1,5	45	0,18/0,22	19	0,30/0,19	0,27	PASS
SGG CLIMAPLUS SAFE 4S F2 66.1(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/12	NPD	NPD	1,3	65,77	0,11/0,12	32,25	0,21/0,22	0,38	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 065 F2 66.1(14 air)44.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/14/8	NPD	NPD	1,4	61	0,16/0,17	30	0,32/0,39	0,33	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN 065 F2 66.1(16 argon)44.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,1	61	0,16/0,17	30	0,32/0,39	0,32	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(7 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/7/4	NPD	NPD	2,2	79	0,12/0,12	54	0,26/0,26	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1 OPALE(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	1,1	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	10/15/9	NPD	NPD	1,1	75,65	0,12/0,12	44,73	0,17/0,19	0,55	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N II F3 44.1(15 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/15/6	NPD	NPD	1,4	77	0,12/0,12	49	0,20/0,24	0,57	PASS
SGG CLIMAPLUS PROTECT SILENCE 4S F2 66.2(16 argon)88.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/17	NPD	NPD	1,1	63,98	0,11/0,12	30,44	0,19/0,17	0,37	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(18 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/18/6	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F2 6(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD/NPD	1C2/2B2	200K/40K	6/15/8	NPD	NPD	1,4	77	0,12/0,12	49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN174 F2 44.2(10 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/10/9	NPD	NPD	1,8	65,76	0,11/0,12	33,32	0,21/0,23	0,39	PASS

Leistungserklärung		FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken	System zur Bewertung der Leistungsbeständigkeit : 3

Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS PROTECT ULTRA N F3 44.4(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	P4A/P4A	1B1/1B1	40K/40K	10/16/10	NPD	NPD	1,1	75,20	0,12/0,12	43,94	0,17/0,17	0,54	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(10 air)6	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K	10/10/6	NPD	NPD	1,8	76	0,12/0,12	46	0,16/0,24	0,54	PASS
SGG CLIMAPLUS ULTRA N F2 6(12 air)6 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,6	77	0,12/0,12	52	0,24/0,24	0,57	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 6(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/10/8	NPD	NPD	1,7	59	0,16/0,17	28	0,30/0,30	0,33	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/10/6	NPD	NPD	1,8	78,77	0,12/0,12	52,52	0,26/0,24	0,61	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 5(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/12/4	33(-1;-4)	NPD	1,6	79,49	0,12/0,12	53,95	0,26/0,26	0,61	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/12	NPD	NPD	1,3	76	0,12/0,12	46	0,24/0,18	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 44.4(14 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/14/4	NPD	NPD	1,1	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG CLIMAPLUS PROTECT PLANITHERM S F2 44.1(10 air)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	2B2/1B1	40K/40K	8/10/10	NPD	NPD	1,9	64	0,11/0,11	39	0,15/0,14	0,47	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 ARENA C 4(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,8	76	0,11/0,12	51	0,25/0,24	0,59	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/6	NPD	NPD	1,6	77	0,12/0,12	48	0,20/0,22	0,53	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,3	64	0,26/0,24	37	0,41/0,33	0,42	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(12 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM ULTRAN F2 4(12 air)33.1 WHITE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/6	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/12/7	NPD	NPD	1,6	79	0,12/0,12	50	0,26/0,21	0,58	PASS
SGG CLIMAPLUS PROTECT PLANITHERM 4S F2 4(12 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/12/7	NPD	NPD	1,5	64	0,26/0,24	36	0,41/0,32	0,42	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,8	78	0,12/0,12	50	0,24/0,22	0,56	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(14 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT COOL-LITE ST167 F2 ULTRA N F3 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/10/6	NPD	NPD	1,8	58,30	0,21/0,21	38,88	0,25/0,29	0,47	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE SKN 154 F2 6(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-1;-5)	NPD	1,0	50	0,18/0,22	24	0,34/0,42	0,27	PASS
SGG CLIMAPLUS ULTRA N F3 SATINOVO MATE 5(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/10/6	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 44.1(16 argon)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,0	62,85	0,25/0,24	34,86	0,32/0,33	0,39	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,3	71,43	0,13/0,15	35,49	0,35/0,39	0,38	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM 4S F2 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,5	64,10	0,26/0,24	38,34	0,38/0,38	0,42	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 4(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/8	NPD	NPD	1,6	66	0,11/0,11	43	0,20/0,16	0,51	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 4(15 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,4	79	0,12/0,12	51	0,26/0,22	0,58	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F3 8(16 argon)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/12	NPD	NPD	1,0	61	0,24/0,24	33	0,34/0,28	0,46	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	40(-2;-6)	NPD	1,4	77	0,12/0,12	48	0,24/0,20	0,56	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(15 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/8	NPD	NPD	1,1	77	0,12/0,12	47	0,20/0,20	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(12 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	34(-1;-5)	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(10 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4	33(-1;-4)	NPD	1,8	79,13	0,12/0,12	53,22	0,24/0,27	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/14/4	NPD	NPD	1,5	78,18	0,12/0,12	49,72	0,20/0,27	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,5	78,89	0,12/0,12	51,01	0,22/0,27	0,55	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	NPD	NPD	1,0	63,81	0,26/0,24	37,89	0,38/0,37	0,41	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM 4S F2 6(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,3	64,10	0,26/0,24	38,34	0,38/0,38	0,42	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(10 argon)44.1 COLOR GREY	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/10/8	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 OPALE GREY 44.2(10 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/10/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM S F2 ACOUSTIC 6(16 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/5	NPD	NPD	1,5	66,14	0,11/0,11	45,56	0,19/0,20	0,50	PASS
SGG CLIMAPLUS SILENCE ULTRA N II F2 8(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/16/8	NPD	NPD	1,3	76	0,12/0,12	47	0,22/0,20	0,55	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,6	78,18	0,12/0,12	49,72	0,24/0,22	0,56	PASS
SGG CLIMAPLUS ULTRA N F2 4(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	NPD	NPD	1,4	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 4(18 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ULTRA N F2 4(18 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,4	79,85	0,12/0,12	54,69	0,26/0,27	0,58	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN154 II F2 6(20 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/20/8	NPD	NPD	1,1	49,42	0,18/0,25	22,71	0,32/0,36	0,27	PASS
SGG CLIMAPLUS SECURIT ULTRA N F3 PARSOL BRONZE 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,8	43,10	0,07/0,10	29,89	0,13/0,23	0,38	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/12	NPD	NPD	1,3	62,47	0,26/0,23	34,63	0,41/0,27	0,42	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN174 II F2 10(12 air)10 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	1C1//1C1	200K/200K	10/12/10	NPD	NPD	1,6	67,64	0,11/0,12	37,01	0,22/0,35	0,40	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 4(12 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/12/7	NPD	NPD	1,2	70,36	0,13/0,15	33,25	0,35/0,30	0,38	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 6(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/18/6	NPD	NPD	1,3	61,90	0,26/0,23	33,90	0,38/0,27	0,41	PASS
SGG CLIMAPLUS PLANITHERM LUX F3 8(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/4	NPD	NPD	1,3	79,52	0,12/0,13	61,05	0,15/0,16	0,69	PASS
SGG CLIMAPLUS SILENCE PLANITHERM LUX F3 10(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/16/8	43(-1;-2)	NPD	1,2	77,14	0,12/0,13	53,04	0,14/0,13	0,65	PASS
SGG CLIMAPLUS SILENCE PLANITHERM LUX F3 10(20 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	10/20/8	NPD	NPD	1,3	77,14	0,12/0,13	53,04	0,14/0,13	0,65	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/8	NPD	NPD	1,8	77,25	0,12/0,12	47,75	0,22/0,20	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(14 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/14/8	NPD	NPD	1,4	75,19	0,12/0,12	44,44	0,17/0,20	0,51	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,6	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 6(14 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,24/0,20	0,56	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(10 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/8	NPD	NPD	1,8	69,20	0,12/0,13	36,97	0,30/0,29	0,42	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/12/8	NPD	NPD	1,3	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS

CE

Leistungserklärung

FGT Glaswerk GmbH
Industriepark Kleinkoschen, D-01968 Senftenberg

EN 1279-5:2005+A2:2010

Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken **System zur Bewertung der Leistungsbeständigkeit : 3**

Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(15 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/5	NPD	NPD	1,4	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(14 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,1	79,13	0,12/0,12	53,22	0,26/0,25	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,5	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE XTREME 60/28 F2 6(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/4	34(-1;-4)	NPD	1,8	60,27	0,14/0,16	25,83	0,39/0,46	0,29	PASS
SGG CLIMALIT SAFE STB120 F2 ULTRA N F3 10(16 air) 44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/16/8	NPD	NPD	1,3	18,94	0,21/0,28	11,13	0,18/0,30	0,17	PASS
SGG CLIMALIT SAFE STB120 F2 10(16 air) 44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/16/8	NPD	NPD	2,5	19,50	0,21/0,31	13,31	0,17/0,28	0,22	PASS
SGG CLIMALIT SAFE STB120 F2 PLANITHERM 4S F3 10(16 air) 44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	10/16/8	NPD	NPD	1,3	15,91	0,21/0,36	8,59	0,19/0,38	0,15	PASS
SGG CLIMAPLUS SAFE COOL-LITE ST120 F2 66.1 (10 air)44.1 PARSOL GREY	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/10/8	NPD	NPD	2,7	7	0,31/0,08	5	0,21/0,09	0,18	PASS
SGG CLIMAPLUS SECURIT SAFE 4S F2 44.1(16 air)10	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C1	40K/200K	8/16/10	NPD	NPD	1,3	67,75	0,11/0,13	34,21	0,25/0,25	0,39	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(18 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/5	NPD	NPD	1,1	79	0,12/0,12	54	0,26/0,26	0,58	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N F3 PARSOL GREY 8(16 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	8/16/12	NPD	NPD	1,3	28,66	0,05/0,09	19,75	0,09/0,16	0,29	PASS
SGG CLIMAPLUS COOL-LITE SKN154 F2 8(20 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/20/4	NPD	NPD	1,3	50,01	0,18/0,22	24,05	0,31/0,42	0,27	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN154II F2 8(16 air)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	8/16/8	NPD	NPD	1,3	49,13	0,18/0,26	23,20	0,30/0,40	0,27	PASS
SGG CLIMAPLUS SAFE COOL-LITE SKN154 F2 8(14 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/14/10	NPD	NPD	1,4	48,54	0,18/0,21	22,07	0,31/0,30	0,27	PASS
SGG CLIMAPLUS SECURIT SAFE SILENCE COOL-LITE SKN165II F2 10(20 argon	NPD	NPD	NPD	NPD	NPD	NPD	1C1/2B2	200K/40K	10/20/8	NPD	NPD	1,1	58,23	0,16/0,17	27,08	0,25/0,30	0,32	PASS
SGG CLIMAPLUS PROTECT SILENCE COOL-LITE SKN165 F2 6(16 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/16/9	NPD	NPD	1,1	58,23	0,16/0,17	27,16	0,26/0,30	0,32	PASS
SGG CLIMAPLUS PROTECT COOL-LITE SKN165 F2 6(16 argon)SP615	NPD	NPD	NPD	NPD	NPD	NPD/P6B	NPD/1B1	40K/40K	6/16/15	NPD	NPD	1,1	57	0,16/0,16	26	0,31/0,20	0,32	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM ONE F2 46.2(20 argon*)HI	NPD	NPD	NPD	NPD/BR1-S	NPD	P2A/P4A	1B1/1B1	40K/40K	11/20/14	NPD	NPD	1,1	65,42	0,22/0,20	34,61	0,26/0,22	0,42	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 SATINOVO MATE 6(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/16/8	40(-2;-6)	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(16 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/10	NPD	NPD	1,3	75,87	0,12/0,12	45,49	0,20/0,19	0,53	PASS
SGG CLIMAPLUS PROTECT PLANITHERM ONE F2 46.2(20 argon*)HN113-S	NPD	NPD	NPD	NPD/BR1-S	NPD	P2A/P4A	1B1/1B1	40K/40K	11/20/14	NPD	NPD	1,1	65,42	0,22/0,20	34,61	0,26/0,22	0,42	PASS
SGG CLIMAPLUS SAFE 4S F2 6(10 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC 4S F2 6(12 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/5	NPD	NPD	1,6	70,14	0,12/0,13	38,02	0,30/0,33	0,42	PASS
SGG CLIMAPLUS SILENCE 4S F2 6(10 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/10	NPD	NPD	1,8	68,38	0,12/0,13	34,92	0,30/0,24	0,41	PASS
SGG CLIMAPLUS SILENCE SAFE ULTRA N F2 4(20 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/20/8	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,26/0,20	0,58	PASS
SGG CLIMAPLUS SECURIT PROTECT PLANITHERM ONE F2 46.2(20 argon*)6(	NPD	NPD	NPD	NPD	NPD	P2A/P4A	1B1/1B1	40K/200K	11/20/14	NPD	NPD	1,1	65,42	0,22/0,20	34,61	0,26/0,22	0,42	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/6	NPD	NPD	1,3	76	0,12/0,12	45	0,17/0,22	0,51	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,5	79	0,12/0,12	53	0,26/0,25	0,58	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/6	NPD	NPD	1,2	64	0,26/0,24	38	0,38/0,37	0,41	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 4(20 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/20/6	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 44.2Si(24 air)66.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/24/13	50(-2;-7)	NPD	1,4	75	0,12/0,11	43	0,19/0,16	0,52	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 66.1Si(16 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,1	75,19	0,12/0,12	44,44	0,17/0,20	0,51	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE XTREME 60/28 F2 6(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/16/4	34(-1;-4)	NPD	1,3	60	0,14/0,16	26	0,39/0,46	0,28	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 66.1Si(16 air)55.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/10	NPD	NPD	1,3	61	0,24/0,23	32	0,28/0,29	0,37	PASS
SGG CLIMAPLUS PROTECT PLANITHERM 4S F2 44.2(18 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/18/9	NPD	NPD	1,0	61,90	0,25/0,23	33,46	0,31/0,29	0,38	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/24/6	NPD	NPD	1,1	63,81	0,26/0,24	37,89	0,38/0,37	0,41	PASS
SGG CLIMAPLUS ACOUSTIC PLANITHERM 4S F2 6(18 air)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/5	NPD	NPD	1,3	64,10	0,26/0,24	38,34	0,38/0,38	0,42	PASS
SGG CLIMAPLUS PROTECT PLANITHERM 4S 6(14 argon)44.5	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/14/10	NPD	NPD	1,1	62,28	0,26/0,23	33,88	0,38/0,26	0,41	PASS
SGG CLIMAPLUS PROTECT PLANITHERM 4S 6(14 argon)44.6	NPD	NPD	NPD	NPD	NPD	NPD/P5A	NPD/1B1	40K/40K	6/14/10	NPD	NPD	1,1	62,10	0,26/0,23	33,60	0,38/0,25	0,41	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 6(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/10/8	NPD	NPD	1,7	63,04	0,26/0,24	35,37	0,38/0,31	0,41	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 6(6 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/6/8	NPD	NPD	2,4	63,04	0,26/0,24	35,37	0,38/0,31	0,41	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,3	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMAPLUS SAFE 4S F2 44.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	8/16/6	NPD	NPD	1,4	69,00	0,12/0,13	35,53	0,25/0,31	0,39	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/6	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,20/0,24	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 66.2(16 argon)66.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/13	NPD	NPD	1,1	73,41	0,11/0,11	41,57	0,16/0,16	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 4(14 air)HN113-S	NPD	NPD	NPD	NPD/BR1-S	NPD	NPD/P4A	NPD/1B1	40K/40K	4/14/14	NPD	NPD	1,4	76,10	0,12/0,11	45,60	0,26/0,15	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(14 air)33.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/14/6	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 44.1(10 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/6	NPD	NPD	1,7	62,85	0,25/0,24	34,86	0,32/0,33	0,39	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(16 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/16/10	NPD	NPD	1,1	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS SECURIT -H PROTECT SILENCE ULTRA N F3 6(16 argon)44.4	NPD	NPD	NPD	NPD	NPD	NPD/P4A	1C2/1B1	200K/40K	6/16/10	NPD	NPD	1,1	76,79	0,12/0,12	46,71	0,24/0,17	0,60	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 8(14 argon)64.4Si*	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/16/10	NPD	NPD	1,1	75,42	0,12/0,12	44,52	0,22/0,16	0,59	PASS
SGG CLIMAPLUS SECURIT-H PROTECT SILENCE ULTRA N F3 8(14 argon)64.4S	NPD	NPD	NPD	NPD	NPD	NPD/P4A	1C2/1B1	200K/40K	6/16/10	NPD	NPD	1,1	75,42	0,12/0,12	44,52	0,22/0,16	0,59	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(15 arong)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/6	NPD	NPD	1,1	77,25	0,12/0,12	47,75	0,20/0,22	0,53	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(15 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/5	NPD	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(14 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/5	NPD	NPD	1,1	79,49	0,12/0,12	53,95	0,26/0,26	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/12/8	NPD	NPD	1,3	77,25	0,12/0,12	47,75	0,22/0,20	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/8	NPD	NPD	1,6	77,25	0,12/0,12	47,75	0,22/0,20	0,54	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 44.2Si(14 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/14/9	NPD	NPD	1,1	76,10	0,12/0,12	45,59	0,19/0,19	0,56	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 55.2Si(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/12/9	NPD	NPD	1,3	75,42	0,12/0,12	44,52	0,18/0,19	0,54	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS ACOUSTIC PLANISTAR SUN F2 6(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/15/4	33(-1;-4)	NPD	1,0	70,78	0,13/0,15	34,91	0,32/0,39	0,37	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 8(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/18/4	NPD	NPD	1,3	78,42	0,12/0,12	51,83	0,22/0,27	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 SP510(6 argon)44.2	NPD	NPD	NPD	NPD	NPD	P5A/P2A	1B1/1B1	40K/40K	10/6/9	NPD	NPD	2,0	75,20	0,11/0,12	43,94	0,16/0,19	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/6	NPD	NPD	1,8	76,10	0,12/0,12	46,18	0,17/0,24	0,51	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/12/6	NPD	NPD	1,6	76,10	0,12/0,12	46,18	0,17/0,24	0,51	PASS
SGG CLIMAPLUS COOL-LITE STB 120 F2 ULTRA N F3 66.1 (10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/10/6	NPD	NPD	1,8	18,95	0,20/0,28	11,21	0,16/0,35	0,18	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 55.2Si(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	11/12/9	NPD	NPD	1,3	75,42	0,12/0,12	44,52	0,18/0,19	0,54	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F2 4(12 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/8	NPD	NPD	1,6	78,42	0,12/0,12	51,83	0,26/0,23	0,58	PASS
SGG CLIMAPLUS PLANITHERM S F2 4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	31(-1,-4)	NPD	1,5	67,04	0,11/0,11	47,50	0,20/0,21	0,52	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 44.1(14 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/8	NPD	NPD	1,4	62,28	0,25/0,23	34,12	0,32/0,31	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 66.1(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/14/6	NPD	NPD	1,4	61,90	0,25/0,24	33,90	0,28/0,36	0,38	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(18 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/8	NPD	NPD	1,3	63,23	0,26/0,24	37,03	0,38/0,34	0,41	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 6(14 air)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/8	NPD	NPD	1,4	63,23	0,26/0,24	37,03	0,38/0,34	0,41	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 6(15 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	NPD	NPD	1,1	77	0,12/0,12	48	0,24/0,19	0,60	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/15/4	29(-1;-4)	NPD	1,0	71,43	0,13/0,15	35,49	0,35/0,39	0,38	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	4/15/9	NPD	NPD	1,0	69,73	0,13/0,15	32,75	0,35/0,28	0,38	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/16/4	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,22/0,27	0,55	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(18 air)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(14 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/10	NPD	NPD	1,4	63,04	0,26/0,23	35,37	0,41/0,29	0,42	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 44.2(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	9/15/9	36(-2;-5)	NPD	1,0	68,08	0,12/0,14	31,30	0,25/0,28	0,35	PASS
SGG CLIMAPLUS PROTECT ULTRA N F3 6(18 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/15/9	NPD	NPD	1,1	77	0,12/0,12	48	0,24/0,19	0,60	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 64.1(12 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/12/10	NPD	NPD	1,5	67	0,12/0,14	31	0,24/0,27	0,36	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 66.1(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/10/8	NPD	NPD	1,7	61	0,24/0,23	33	0,28/0,31	0,38	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/6	NPD	NPD	1,8	77,95	0,12/0,12	48,96	0,22/0,22	0,55	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 6(14 air)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	6/14/10	NPD	NPD	1,4	76,79	0,12/0,12	46,71	0,24/0,17	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 8(14 air)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD/1B1	40K/40K	8/14/9	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,22/0,19	0,55	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 6(12 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/6	NPD	NPD	1,5	63,62	0,26/0,24	36,14	0,38/0,33	0,41	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/6	NPD	NPD	1,4	77,25	0,12/0,12	47,75	0,20/0,22	0,53	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 F3 44.2(14 air)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/14/8	NPD	NPD	1,4	76,56	0,12/0,12	46,60	0,19/0,23	0,53	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 6(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,4	59,55	0,14/0,16	24,72	0,39/0,38	0,28	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 44.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,3	69,10	0,13/0,15	32,27	0,26/0,32	0,36	PASS
SGG CLIMAPLUS SECURIT COOL-LITE SKN144 II F2 6(15 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/15/4	NPD	NPD	1,4	40,37	0,20/0,12	20,02	0,31/0,37	0,23	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 4(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,4	70,57	0,13/0,15	33,65	0,35/0,32	0,38	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(32 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/32/8	NPD	NPD	1,4	77	0,12/0,12	47	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 64.1Si(24 air)86.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/24/14	NPD	NPD	1,4	73,85	0,12/0,11	42,45	0,19/0,16	0,52	PASS
SGG CLIMAPLUS SECURIT SAFE ULTRA N F2 66.1(16 air)8 BRONZE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	12/16/8	NPD	NPD	1,3	34,01	0,09/0,06	21,87	0,16/0,10	0,48	PASS
SGG CLIMAPLUS SECURIT SAFE PLANITHERM S F2 66.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/1C2	40K/200K	12/12/6	NPD	NPD	1,7	63,90	0,11/0,11	39,72	0,14/0,19	0,45	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 66.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/12/6	NPD	NPD	1,7	63,90	0,11/0,11	39,72	0,14/0,19	0,45	PASS
SGG CLIMAPLUS PLANITHERM S F2 6(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/8/6	NPD	NPD	1,6	65,85	0,11/0,11	44,94	0,19/0,20	0,50	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1Si(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/14/8	NPD	NPD	1,8	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 66.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,3	75	0,12/0,12	44	0,17/0,20	0,51	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE ST420 F2 ULTRA N F3 6(12 air)44.	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	40K/200K	6/12/8	NPD	NPD	1,6	14	0,23/0,26	7	0,13/0,29	0,13	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 8(10 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	8/10/8	NPD	NPD	1,8	77	0,12/0,12	47	0,22/0,20	0,55	PASS
SGG CLIMAPLUS SILENCE PLANISTAR SUN F2 6(18 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD/NPD	NPD/2B2	40K/40K	6/18/8	NPD	NPD	1,3	69	0,13/0,15	33	0,32/0,29	0,37	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,4	77	0,12/0,12	48	0,24/0,20	0,56	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 66.2(16 air)44.2	NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	13/16/9	NPD	NPD	1,3	75	0,12/0,12	43	0,16/0,19	0,50	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 44.1(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/6	NPD	NPD	1,0	69,10	0,13/0,15	32,27	0,26/0,32	0,36	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 4(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,1	70,57	0,13/0,15	33,65	0,35/0,32	0,38	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 66.1(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/12/8	NPD	NPD	1,6	75,19	0,12/0,12	44,44	0,17/0,20	0,51	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/4	30(-1;-3)	NPD	1,0	71,43	0,13/0,15	35,49	0,35/0,39	0,38	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT155 F2 6(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,7	46,44	0,17/0,10	29,39	0,19/0,17	0,37	PASS
SGG CLIMAPLUS SAFE COOL-LITE KNT155 F2 44.1(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/12	NPD	NPD	1,9	45,09	0,17/0,10	26,87	0,17/0,15	0,35	PASS
SGG CLIMAPLUS COOL-LITE KNT155 F2 6(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/6	NPD	NPD	1,7	47,00	0,17/0,10	31,66	0,19/0,20	0,37	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 10(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	10/15/9	42(-2;-5)	NPD	1,1	75,85	0,12/0,12	45,16	0,20/0,19	0,57	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	1,8	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ULTRA N SATINOVO MATE 4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4	NPD	NPD	1,6	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/10/6	NPD	NPD	1,7	63,04	0,25/0,24	35,36	0,32/0,37	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,5	62,28	0,25/0,23	34,12	0,32/0,31	0,39	PASS
SGG CLIMAPLUS ULTRA N F2 SAFE 4(14 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/10	NPD	NPD	1,4	77,48	0,12/0,12	48,49	0,26/0,19	0,57	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** **System zur Bewertung der Leistungsbeständigkeit : 3**																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS PLANISTAR SUN F2 4(18 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	71,43	0,13/0,15	35,49	0,35/0,39	0,38	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/8	NPD	NPD	1,0	69	0,13/0,15	33	0,29/0,32	0,37	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/12/6	NPD	NPD	1,6	78	0,12/0,12	50	0,22/0,24	0,58	PASS
SGG CLIMAPLUS ULTRA N F3 5(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/14/4	NPD	NPD	1,5	79,49	0,12/0,12	53,95	0,26/0,26	0,62	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 66.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/16/6	NPD	NPD	1,3	76,10	0,12/0,12	46,18	0,18/0,24	0,54	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 55.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	10/16/6	NPD	NPD	1,3	76,78	0,12/0,12	47,31	0,19/0,24	0,55	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 4(18 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/18/6	NPD	NPD	1,3	64,20	0,26/0,24	36,96	0,41/0,33	0,42	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 4(16 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/12	NPD	NPD	1,3	62,47	0,26/0,23	34,63	0,41/0,27	0,42	PASS
SGG CLIMAPLUS 4S F2 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/8	NPD	NPD	1,1	68,58	0,12/0,13	36,30	0,27/0,29	0,40	PASS
SGG CLIMAPLUS SILENCE PLANITHERM S F2 4(14 air)33.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/14/6	NPD	NPD	1,6	66,24	0,11/0,11	43,97	0,20/0,18	0,51	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE KNT140 F2 6(12 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/12/6	NPD	NPD	1,8	36,89	0,23/0,12	22,08	0,24/0,21	0,28	PASS
SGG CLIMAPLUS SAFE 4S F2 6(12 air)66.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/12/12	NPD	NPD	1,6	68	0,12/0,13	34	0,30/0,22	0,41	PASS
SGG CLIMAPLUS PROTECT 4S F2 6(12 air)666.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/19	NPD	NPD	1,6	66	0,11/0,12	32	0,30/0,17	0,41	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 4(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	NPD	1,4	78,89	0,12/0,12	51,01	0,26/0,22	0,58	PASS
SGG CLIMAPLUS ULTRA N F2 ST120 F3 6(10 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/10/6	NPD	NPD	1,8	17,74	0,27/0,32	11,47	0,34/0,27	0,39	PASS
SGG CLIMAPLUS ULTRA N F2 ST120 F3 6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/6	NPD	NPD	1,6	17,74	0,27/0,32	11,47	0,34/0,27	0,40	PASS
SGG CLIMAPLUS ULTRA N F2 ST120 F3 6(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	NPD	NPD	1,4	17,74	0,27/0,32	11,47	0,34/0,27	0,40	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 44.1(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,5	62	0,25/0,23	34	0,32/0,31	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 66.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	12/16/8	NPD	NPD	1,3	61,15	0,24/0,23	32,74	0,28/0,31	0,38	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(12 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/8	NPD	NPD	1,5	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,4	64,40	0,26/0,24	38,80	0,42/0,37	0,42	PASS
SGG CLIMAPLUS SECURIT SILENCE COOL-LITE SKN165 II F2 6(15 argon)66.1S	NPD	NPD	NPD	NPD	NPD	NPD	1C2/2B2	200K/40K	6/15/12	42(-2;-6)	NPD	1,0	58,24	0,16/0,16	27,13	0,30/0,25	0,32	PASS
SGG CLIMAPLUS SECURIT ACOUSTIC COOL-LITE KNT140 F2 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/12/5	NPD	NPD	1,6	37,33	0,23/0,12	23,74	0,24/0,26	0,28	PASS
SGG CLIMAPLUS ACOUSTIC COOL-LITE KNT164 F2 6(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/4	NPD	NPD	1,7	57,52	0,14/0,10	41,35	0,16/0,19	0,46	PASS
SGG CLIMAPLUS SILENCE ULTRA N F3 8(16 air)46.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/10	NPD	NPD	1,3	76,10	0,12/0,12	46,18	0,22/0,19	0,59	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1 OPALE(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/10/4	NPD	NPD	1,8	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(14 air)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/14/4	NPD	NPD	1,5	78,89	0,12/0,12	51,01	0,22/0,26	0,58	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,5	79,13	0,12/0,12	53,22	0,27/0,24	0,62	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 66.1(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/14/6	NPD	NPD	1,4	68,08	0,12/0,15	31,71	0,23/0,35	0,35	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 66.1(14 air)4 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	12/14/4	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(18 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/18/6	NPD	NPD	1,1	62,85	0,25/0,24	34,86	0,32/0,33	0,39	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	NPD	NPD	1,0	59,20	0,14/0,16	25,18	0,36/0,42	0,28	PASS
SGG CLIMAPLUS COOL-LITE XTREME 60/28 F2 ULTRA N F3 8(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	NPD	NPD	1,0	57,88	0,12/0,13	24,06	0,36/0,38	0,28	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 ULTRA N F3 8(16 argon)	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/12	NPD	NPD	1,0	56,19	0,12/0,13	22,66	0,36/0,27	0,28	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 8(16 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	8/16/10	NPD	NPD	1,0	57,98	0,14/0,15	23,86	0,36/0,32	0,28	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 ULTRA N F3 44.1(16 arg	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,0	57,03	0,12/0,13	22,97	0,32/0,31	0,27	PASS
SGG CLIMAPLUS ULTRA N F3 3(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/4	NPD	NPD	1,6	80,21	0,12/0,12	55,46	0,28/0,27	0,63	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(14 air)44.1 OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	4/14/6	NPD	NPD	1,4	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT PROTECT ANTELIO CLEAR F2 ULTRA N F3 6(12 arg	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/12/9	37(-1;-4)	NPD	1,3	40	0,27/0,30	28	0,32/0,28	0,37	PASS
SGG CLIMAPLUS SECURIT PROTECT ANTELIO CLEAR F2 ULTRA N F3 6(12 arg	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	200K/40K	6/12/9	37(-1;-4)	NPD	1,3	40	0,27/0,30	28	0,32/0,28	0,37	PASS
SGG CLIMAPLUS SECURIT ANTELIO CLEAR F2 ULTRA N F3 6(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD	200K/40K	6/16/4	NPD	NPD	1,1	41	0,27/0,31	31	0,32/0,37	0,37	PASS
SGG CLIMAPLUS SECURIT PROTECT ANTELIO CLEAR F2 ULTRA N F3 65.4(12	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	200K/40K	13/12/9	NPD	NPD	1,3	39	0,26/0,30	25	0,22/0,28	0,32	PASS
SGG CLIMAPLUS SECURIT PROTECT ANTELIO CLEAR F2 ULTRA N F3 65.4(12	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1B1	200K/40K	13/12/9	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 44.2(18 argon*)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/18/4	NPD	NPD	1,1	70	0,13/0,15	33	0,25/0,39	0,35	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 44.2(16 argon*)6	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/16/6	NPD	NPD	1,0	69	0,13/0,15	32	0,25/0,35	0,35	PASS
SGG CLIMAPLUS PROTECT PLANISTAR SUN F2 44.2(16 argon*)33.2	NPD	NPD	NPD	NPD	NPD	P2A/P1A	1B1/1B1	40K/40K	9/16/7	NPD	NPD	1,0	69	0,13/0,15	32	0,25/0,30	0,35	PASS
SGG CLIMAPLUS SAFE PLANITHERM S 6(14 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/6	NPD	NPD	1,3	65,65	0,11/0,11	42,83	0,18/0,18	0,50	PASS
SGG CLIMAPLUS PROTECT SILENCE ULTRA N F2 8(16 air)66.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	8/16/13	NPD	NPD	1,3	75,19	0,12/0,11	44,44	0,22/0,16	0,55	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 6(14 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/14/8	NPD	NPD	1,3	65,06	0,11/0,11	41,75	0,18/0,16	0,50	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(16 air)6	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	6/16/6	NPD	NPD	1,4	78,18	0,12/0,12	49,72	0,22/0,24	0,55	PASS
SGG CLIMAPLUS PROTECT TOTAL+ F3 4(16 air)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/16/7	NPD	NPD	1,4	78,71	0,12/0,12	55,14	0,19/0,15	0,70	PASS
SGG CLIMAPLUS PROTECT TOTAL+ F3 4(16 argon)33.2	NPD	NPD	NPD	NPD	NPD	NPD/P1A	NPD/1B1	40K/40K	4/16/7	NPD	NPD	1,2	78,71	0,12/0,12	55,14	0,19/0,15	0,70	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 44.1(16 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/10	NPD	NPD	1,0	67,87	0,13/0,14	31,34	0,26/0,27	0,36	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,0	70,57	0,13/0,15	33,65	0,35/0,32	0,38	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 4(16 argon)6 SATINOVO MATE	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	NPD	NPD	1,0	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ONE F2 4(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/16/6	NPD	NPD	1,0	70,14	0,23/0,22	41,42	0,39/0,32	0,47	PASS
SGG CLIMAPLUS SAFE ONE F2 6(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,0	69,50	0,23/0,22	40,48	0,36/0,32	0,46	PASS
SGG CLIMAPLUS ONE F2 4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/16/6	34(-1;-4)	NPD	1,0	70,35	0,23/0,22	43,04	0,39/0,36	0,47	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 6(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/8	NPD	NPD	1,0	69,31	0,13/0,15	32,65	0,32/0,29	0,37	PASS

Leistungserklärung

FGT Glaswerk GmbH
Industriepark Kleinkoschen, D-01968 Senftenberg

EN 1279-5:2005+A2:2010 — **Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken** — **System zur Bewertung der Leistungsbeständigkeit : 3**

Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMAPLUS PROTECT ULTRA N F2 44.2(15 argon)44.4	NPD	NPD	NPD	NPD	NPD	P2A/P4A	1B1/1B1	40K/40K	9/15/10	NPD	NPD	1,1	75,65	0,12/0,12	44,73	0,19/0,17	0,52	PASS
SGG CLIMAPLUS PROTECT ULTRA N F2 44.4(15 argon)44.2	NPD	NPD	NPD	NPD	NPD	P4A/P2A	1B1/1B1	40K/40K	10/15/9	NPD	NPD	1,1	75,65	0,12/0,12	44,73	0,17/0,19	0,51	PASS
SGG CLIMAPLUS PLANITHERM 4S F2 ACOUSTIC 6(218 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	64,39	0,26/0,24	38,80	0,38/0,40	0,41	PASS
SGG CLIMAPLUS ACOUSTIC 4S 8(10 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/10/6	NPD	NPD	1,4	69,20	0,12/0,13	36,97	0,27/0,31	0,41	PASS
SGG CLIMAPLUS SAFE TOTAL+ F3 33.1(16 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,2	78,00	0,12/0,12	53,60	0,16/0,16	0,65	PASS
SGG CLIMAPLUS PLANISTAR SUN F2 4(14 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/14/6	NPD	NPD	1,4	70,78	0,13/0,15	34,91	0,35/0,36	0,38	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 44.1(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/8	NPD	NPD	1,3	68,48	0,13/0,14	31,80	0,26/0,29	0,36	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F3 44.1(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/15/8	NPD	NPD	1,3	68,48	0,14/0,13	31,80	0,29/0,26	0,44	PASS
SGG CLIMAPLUS SAFE PLANITHERM 4S F2 44.1(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/10	NPD	NPD	1,7	61,71	0,25/0,23	33,42	0,32/0,29	0,39	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 44.1(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/10	NPD	NPD	1,7	67,87	0,13/0,14	31,34	0,26/0,27	0,36	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 44.1(10 argon)55.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/10	NPD	NPD	1,4	67,87	0,13/0,14	31,34	0,26/0,27	0,36	PASS
SGG CLIMAPLUS SAFE PLANISTAR SUN F2 6(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/16/6	NPD	NPD	1,3	69,94	0,13/0,15	33,14	0,32/0,32	0,37	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(16 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/8	NPD	NPD	1,4	77,25	0,12/0,12	47,75	0,22/0,20	0,58	PASS
SGG CLIMAPLUS SAFE ULTRA N F3 33.1(16 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/8	NPD	NPD	1,1	77,25	0,12/0,12	47,75	0,22/0,20	0,58	PASS
SGG CLIMAPLUS SAFE COOL-LITE XTREME 60/28 F2 ULTRA N F3 46.1(16 arg	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	10/16/8	NPD	NPD	1,0	56,52	0,12/0,13	22,70	0,29/0,31	0,27	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM 4S F2 6(6 argon)64.2Si	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/6/11	NPD	NPD	1,9	62,28	0,26/0,23	34,13	0,38/0,27	0,41	PASS
SGG CLIMAPLUS SILENCE PLANITHERM 4S F2 44.1(12 air)88.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/12/16	NPD	NPD	1,5	60,06	0,25/0,22	31,46	0,32/0,24	0,39	PASS
SGG CLIMAPLUS SAFE PLANITHERM S F2 44.1(10 air)44.1OPALE	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/10/8	NPD	NPD	1,9	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS ACOUSTIC ULTRA N F3 4(18 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/6	NPD	NPD	1,4	79,13	0,12/0,12	53,22	0,27/0,24	0,62	PASS
SGG CLIMAPLUS SAFE ULTRA N 33.1(16 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/16/6	NPD	NPD	1,4	77,95	0,12/0,12	48,96	0,22/0,22	0,58	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(16 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/8	NPD	NPD	1,3	76,56	0,12/0,12	46,60	0,20/0,20	0,53	PASS
SGG CLIMAPLUS SILENCE ULTRA N F2 44.1(16 air)66.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	8/16/12	NPD	NPD	1,3	75,19	0,12/0,11	44,44	0,20/0,17	0,53	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE SKN165 II F2 8(14 argon*)66.1 Se	NPD	NPD	NPD	NPD	NPD	NPD/P1A	1C2/1B1	200K/40K	8/14/12	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SECURIT SAFE COOL-LITE ST167 F2 8(14 argon*)66.1 Sentr	NPD	NPD	NPD	NPD	NPD	NPD/P1A	1C2/1B1	200K/40K	8/14/12	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMAPLUS SAFE ULTRA N F2 33.1(14 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/2B2	40K/40K	6/10/6	NPD	NPD	1,5	77,95	0,12/0,12	48,96	0,22/0,22	0,55	PASS
SGG CLIMAPLUS PLANITHERM ONE F3 3(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/8/4	NPD	NPD	1,1	71,32	0,22/0,23	44,65	0,40/0,39	0,51	PASS
SGG CLIMAPLUS PLANITHERM ONE F3 3(10 krypton*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/10/4	NPD	NPD	0,9	71,32	0,22/0,23	44,65	0,40/0,39	0,51	PASS
SGG CLIMAPLUS PLANITHERM ONE F3 4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	1,1	71,00	0,22/0,23	44,10	0,39/0,39	0,50	PASS
SGG CLIMAPLUS ULTRA N F3 3(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/8/4	NPD	NPD	1,2	80,21	0,12/0,12	55,46	0,28/0,27	0,63	PASS
SGG CLIMAPLUS ULTRA N F3 3(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/10/4	NPD	NPD	1,0	80,21	0,12/0,12	55,46	0,28/0,27	0,64	PASS
SGG CLIMAPLUS ULTRA N F3 4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4	NPD	NPD	1,2	79,85	0,12/0,12	54,69	0,27/0,26	0,63	PASS
SGG CLIMAPLUS ULTRA N F3 3(8 krypton)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/8/3	NPD	NPD	1,2	80,58	0,12/0,12	56,24	0,28/0,28	0,64	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 12(14 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C1	200K/200K	12/14/10	NPD	NPD	1,1	74,72	0,11/0,12	44,82	0,18/0,20	0,55	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 12(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C1	200K/200K	12/14/10	NPD	NPD	1,1	75,41	0,11/0,12	46,18	0,18/0,22	0,56	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 10(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2	200K/200K	10/18/8	NPD	NPD	1,1	76,30	0,12/0,12	47,71	0,20/0,22	0,57	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 8(16 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C1	200K/200K	8/16/10	NPD	NPD	1,1	76,30	0,12/0,12	47,71	0,23/0,20	0,59	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 10(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2	200K/200K	10/16/6	NPD	NPD	1,1	76,99	0,12/0,12	48,91	0,20/0,24	0,57	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 8(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/20/8	NPD	NPD	1,1	77,01	0,12/0,12	49,27	0,23/0,22	0,59	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/16/8	NPD	NPD	1,1	77,01	0,12/0,12	49,27	0,23/0,22	0,59	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 8(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	8/16/8	NPD	NPD	1,1	77,71	0,12/0,12	50,55	0,23/0,24	0,59	PASS
SGG CLIMAPLUS SECURIT ULTRA N II F3 6(20 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2	200K/200K	6/20/6	NPD	NPD	1,1	78,41	0,12/0,12	51,89	0,25/0,24	0,61	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N II F3 44.2(16 argon)8	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/1C2	40K/200K	9/16/8	NPD	NPD	1,1	76,55	0,12/0,12	46,65	0,19/0,22	0,56	PASS
SGG CLIMAPLUS SECURIT PROTECT ULTRA N F3 8(16 argon)55.2	NPD	NPD	NPD	NPD	NPD	NPD/P2A	1C2/1B1	40K/200K	8/16/11	NPD	NPD	1,1	75,87	0,12/0,12	45,50	0,22/0,18	0,59	PASS
SGG CLIMATOP N 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	0,71	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP N BIOCLEAN 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	0,71	68,80	0,18/0,17	39,40	0,30/0,28	0,49	PASS
SGG CLIMATOP N F2 F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,54	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP N BIOCLEAN 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,51	68,80	0,18/0,17	39,40	0,30/0,28	0,49	PASS
SGG CLIMATOP MAX F2 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,86	73,10	0,17/0,18	52,60	0,25/0,21	0,53	PASS
SGG CLIMATOP MAX F2 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,84	73,10	0,17/0,18	52,60	0,25/0,21	0,53	PASS
SGG CLIMATOP ULTRA N F3 F5 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4/8/4	NPD	NPD	0,66	70,70	0,15/0,14	41,50	0,28/0,28	0,53	PASS
SGG CLIMATOP ULTRA N BIOCLEAN 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/8/4/8/4	NPD	NPD	0,96	70,00	0,20/0,18	45,50	0,27/0,28	0,55	PASS
SGG CLIMATOP ULTRA N F2 F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4/12/4	35(-2;-6)	NPD	0,46	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
SGG CLIMATOP ULTRA N F5 BIOCLEAN 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/12/4/12/4	NPD	NPD	0,82	70,00	0,20/0,18	45,50	0,27/0,28	0,55	PASS
SGG CLIMATOP ULTRA N F2 F5 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	0,66	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
XXX CLIMATOP ULTRA N F2 F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,46	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31 (-1;-5)	NPD	0,72	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,6	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP PROTECT ULTRA N 33.2(14 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD/NPI	40K/40K/40K	7/14/416/4	NPD	NPD	0,61	69,50	0,14/0,14	38,30	0,22/0,28	0,46	PASS
SGG CLIMATOP PROTECT ULTRA N 33.2(12 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	P1A/NPD	1B1/NPD/NPI	40K/40K/40K	7/12/4/14/4	NPD	NPD	0,68	69,50	0,14/0,14	38,30	0,22/0,28	0,46	PASS

CE	Leistungserklärung				FGT Glaswerk GmbH Industriepark Kleinkoschen, D-01968 Senftenberg													
EN 1279-5:2005+A2:2010	Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken System zur Bewertung der Leistungsbeständigkeit : 3																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMATOP N 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,09	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP ULTRA N F5 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,05	71,90	0,18/0,16	46,40	0,24/0,27	0,56	PASS
SGG CLIMATOP 4(12 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	1,90	73,20	0,20/0,20	59,10	0,17/0,17	0,68	PASS
XXX CLIMATOP N F2 F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,54	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP ULTRA N 6(10 krypton)4(10 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD/1C3/NPI	40K/200K/40K	6/10/4/10/6	32(-2;-4)	NPD	0,58	69,10	0,14/0,15	38,60	0,25/0,24	0,49	PASS
SGG CLIMATOP N 6(12 krypton)6(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/6/12/6	NPD	NPD	0,53	68,30	0,15/0,15	37,00	0,24/0,24	0,48	PASS
SGG CLIMATOP PROTECT N 6(8 krypton)6(8 krypton)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	NPD/NPD/1B	40K/40K/40K	6/8/6/8/9	NPD	NPD	0,71	67,20	0,15/0,14	34,50	0,23/0,18	0,48	PASS
SGG CLIMATOP N 4(12argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,76	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP PROTECT N COOL-LITE SKN 172 6(12 krypton)6(12 krypton)I	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	1C2/1C2/1B1	200K/200K/40K	6/12/6/12/13	NPD	NPD	0,52	55,70	0,11/0,13	26,00	0,26/0,16	0,36	PASS
SGG CLIMATOP ULTRA N 4(8 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/10/4	NPD	NPD	0,61	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
SGG CLIMATOP N 4(8 argon)4(8 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	1,02	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP N 4(14 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/12/4	NPD	NPD	0,72	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP N 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,68	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP N 4(12 argon)6(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/6/12/4	NPD	NPD	0,76	69,90	0,15/0,15	39,90	0,27/0,27	0,49	PASS
SGG CLIMATOP N 5(12 krypton)5(12 krypton)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/12/5/12/5	NPD	NPD	0,53	69,90	0,15/0,15	38,60	0,25/0,25	0,49	PASS
SGG CLIMATOP ULTRA N F2 F5 DIAMANT 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,72	73,30	0,14/0,14	45,90	0,34/0,34	0,53	PASS
SGG CLIMATOP PROTECT N 8(10 krypton)6(10 krypton)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	NPD/NPD/1B	40K/40K/40K	8/10/6/10/9	NPD	NPD	0,60	66,40	0,14/0,14	33,70	0,21/0,18	0,46	PASS
SGG CLIMATOP PROTECT N 5(12 krypton)5(12 krypton)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	NPD/NPD/1B	40K/40K/40K	5/12/5/12/9	NPD	NPD	0,53	68,00	0,15/0,15	35,50	0,25/0,19	0,49	PASS
SGG CLIMATOP ULTRA N 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,83	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
SGG CLIMATOP ULTRA N 5(12 argon)5(12 argon)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/12/5/12/5	NPD	NPD	0,72	69,50	0,14/0,14	39,60	0,26/0,26	0,49	PASS
SGG CLIMATOP PROTECT N 4(8 krypton)4(8 krypton)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	NPD/NPD/1B	40K/40K/40K	4/8/4/8/9	NPD	NPD	0,71	68,80	0,15/0,15	36,50	0,26/0,19	0,50	PASS
SGG CLIMATOP FUTUR N 4(12 argon)4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/6	NPD	NPD	0,76	69,90	0,15/0,15	39,20	0,26/0,24	0,50	PASS
SGG CLIMATOP N 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,61	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP N 5(10 krypton)5(8 krypton)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/10/5/8/5	NPD	NPD	0,99	70,70	0,18/0,17	43,60	0,21/0,25	0,56	PASS
SGG CLIMATOP ULTRA N 5(12 krypton)5(10 krypton)5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/12/5/8/5	NPD	NPD	0,52	69,50	0,14/0,14	39,60	0,26/0,26	0,49	PASS
SGG CLIMATOP PROTECT N 4(8 krypton)4(8 krypton)44.4	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4/	NPD/NPD/1B	40K/40K/40K	4/8/4/8/10	NPD	NPD	0,71	68,50	0,15/0,15	35,80	0,26/0,17	0,50	PASS
SGG CLIMATOP N 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	1,01	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP N II 6(12 argon)6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/6/12/6	NPD	NPD	0,76	68,30	0,15/0,15	37,00	0,24/0,24	0,48	PASS
SGG CLIMATOP N 4(12 krypton)5(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/5/12/4	NPD	NPD	0,53	70,30	0,15/0,15	39,70	0,26/0,26	0,50	PASS
SGG CLIMATOP N 8(10 krypton)6(8 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/10/6/8/6	31(-1;-4)	NPD	0,65	67,90	0,15/0,15	36,00	0,21/0,23	0,47	PASS
SGG CLIMATOP PROTECT N 4(10 krypton)44.2(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD/P2A/NPI	NPD/1B1/NPI	40K/40K/40K	4/10/9/10/4	NPD	NPD	0,60	68,80	0,15/0,15	36,30	0,25/0,25	0,48	PASS
SGG CLIMATOP SAFE N 4(14 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C	40K/40K/200K	4/14/4/10/4	NPD	NPD	0,94	70,80	0,15/0,16	40,50	0,27/0,24	0,50	PASS
SGG CLIMATOP N 4(10 krypton)4(14 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/14/4	NPD	NPD	0,57	70,70	0,15/0,15	40,30	0,26/0,26	0,50	PASS
SGG CLIMATOP N 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,09	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP 3(12 air)3(12 air)3	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	3/12/3/12/3	NPD	NPD	1,91	74,70	0,20/0,20	63,10	0,18/0,18	0,70	PASS
SGG CLIMATOP N MONUMENTAL S 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,83	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMATOP SECURIT 4(12 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/12/4/12/4	NPD	NPD	1,90	73,20	0,20/0,20	59,10	0,17/0,17	0,68	PASS
SGG CLIMATOP N 6(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4/12/4	NPD	NPD	1,09	71,50	0,18/0,17	44,30	0,21/0,26	0,55	PASS
SGG CLIMATOP SECURIT N 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/12/4/12/4	NPD	NPD	1,26	71,90	0,17/0,18	45,80	0,26/0,23	0,57	PASS
SGG CLIMATOP N COTSWOLD 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,09	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMATOP COTSWOLD 4(12 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,90	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMATOP SAFE N 4(12 argon)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C	40K/40K/200K	4/12/4/12/4	NPD	NPD	1,09	71,90	0,17/0,18	45,80	0,26/0,23	0,53	PASS
XXX CLIMATOP ULTRA N F5 4(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,05	71,90	0,18/0,16	46,40	0,24/0,27	0,56	PASS
SGG CLIMATOP PROTECT N 6(12 air)4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1B	40K/40K/40K	6/12/4/12/4	NPD	NPD	1,25	69,10	0,17/0,17	39,40	0,23/0,17	0,50	PASS
SGG CLIMATOP PROTECT N 44.2(12 air)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPI	1B1/NPD/NPI	40K/40K/40K	9/12/4/12/4	NPD	NPD	1,09	70,00	0,17/0,17	40,70	0,17/0,26	0,50	PASS
SGG CLIMATOP COOL-LITE SKN154 6(12 argon)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/12/4/12/4	NPD	NPD	1,04	45,90	0,20/0,24	21,60	0,33/0,34	0,25	PASS
SGG CLIMATOP SAFE N 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPI	200K/40K/200K	4/12/4/12/4	NPD	NPD	1,07	71,90	0,17/0,18	45,80	0,26/0,23	0,58	PASS
SGG CLIMATOP N 4(16 argon)4(16 argon)4 STS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,91	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP N 4(12 argon)4(16 argon)4 STS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/16/4	NPD	NPD	0,92	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP N 4(9 argon)4(9 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/9/4/9/4	NPD	NPD	1,25	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP N 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,02	72,60	0,18/0,17	42,10	0,24/0,29	0,57	PASS
SGG CLIMATOP N 6(12 argon)4(12 argon)6 STS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/6	NPD	NPD	1,06	70,30	0,18/0,17	42,90	0,21/0,24	0,55	PASS
SGG CLIMATOP N 6(16 argon)4(16 argon)6 STS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,91	70,30	0,18/0,17	42,90	0,21/0,24	0,55	PASS
SGG CLIMATOP N 4(12 argon)4(12 argon) 4 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	1,02	72,60	0,18/0,17	42,10	0,24/0,29	0,57	PASS
SGG CLIMATOP N 4(16 argon)4(16 argon)4 (See note below)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,91	71,90	0,18/0,17	45,80	0,23/0,26	0,57	PASS
SGG CLIMATOP N 4(12 argon)4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/15/4	NPD	NPD	0,70	70,70	0,15/0,15	40,30	0,27/0,27	0,50	PASS
SGG CLIMATOP 6(12 air)6(12 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/6/12/6	NPD	NPD	1,88	70,70	0,19/0,19	52,30	0,15/0,15	0,63	PASS
SGG CLIMATOP ULTRA N F2 F5 BIOCLEAN 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	4/10/4/10/4	NPD	NPD	0,84	68,80	0,17/0,16	40,50	0,32/0,29	0,49	PASS
SGG CLIMATOP ULTRA N F2 F5 BIOCLEAN 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	4/12/4/12/4	NPD	NPD	0,73	68,80	0,17/0,16	40,50	0,32/0,29	0,49	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken**											**System zur Bewertung der Leistungsbeständigkeit : 3**						
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMATOP ULTRA N F2 F5 BIOCLEAN 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	4/14/4/14/4	NPD	NPD	0,64	68,80	0,17/0,16	40,50	0,32/0,29	0,49	PASS
SGG CLIMATOP ULTRA N F2 F5 BIOCLEAN 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	4/16/4/16/4	34(-2;-6)	NPD	0,54	68,80	0,17/0,16	40,50	0,32/0,29	0,49	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	4/10/4/10/4	NPD	NPD	0,84	61,40	0,17/0,17	31,40	0,38/0,31	0,37	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	4/12/4/12/4	NPD	NPD	0,73	61,40	0,17/0,17	31,40	0,38/0,31	0,37	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 4(14 argon)4(14 argon)4 ULTRA	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	4/14/4/14/4	NPD	NPD	0,64	61,40	0,17/0,17	31,40	0,38/0,31	0,37	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	4/16/4/16/4	35(-1;-6)	NPD	0,59	61,40	0,17/0,17	31,40	0,38/0,31	0,37	PASS
SGG CLIMATOP ULTRA N BIOCLEAN PROTECT 4(10 argon)4(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	NPD/NPD/1B:	40K/40K/40 K	4/10/4/10/9	NPD	NPD	1,15	67,90	0,19/0,19	40,30	0,30/0,18	0,52	PASS
SGG CLIMATOP ULTRA N F2 BIOCLEAN PROTECT 4(12 argon)4(12 argon)44.:	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	NPD/NPD/1B:	40K/40K/40 K	4/12/4/12/9	NPD	NPD	1,03	67,90	0,19/0,19	40,30	0,30/0,18	0,52	PASS
SGG CLIMATOP 4S BIOCLEAN PROTECT 4(10 argon)4(10 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	NPD/NPD/1B:	40K/40K/40 K	4/10/4/10/9	NPD	NPD	0,84	59,60	0,17/0,16	29,10	0,38/0,21	0,37	PASS
SGG CLIMATOP 4S BIOCLEAN PROTECT 4(12 argon)4(12 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	NPD/NPD/1B:	40K/40K/40 K	4/12/4/12/9	NPD	NPD	0,73	59,60	0,17/0,16	29,10	0,38/0,21	0,37	PASS
SGG CLIMATOP ULTRA N F2 BIOCLEAN SILENCE 4(10 argon)4(10 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	NPD/NPD/1B:	40K/40K/40 K	4/10/4/10/8	NPD	NPD	1,15	68,20	0,19/0,19	40,90	0,30/0,19	0,52	PASS
SGG CLIMATOP ULTRA N F2 BIOCLEAN SILENCE 4(12 argon)4(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	NPD/NPD/1B:	40K/40K/40 K	4/12/4/12/8	NPD	NPD	1,03	68,20	0,19/0,19	40,90	0,30/0,19	0,52	PASS
SGG CLIMATOP 4S BIOCLEAN SILENCE 4(10 argon)4(10 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40 K	4/10/4/10/8	NPD	NPD	0,84	59,80	0,17/0,16	29,40	0,38/0,23	0,37	PASS
SGG CLIMATOP 4S BIOCLEAN SILENCE 4(12 argon)4(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40 K	4/12/4/12/8	NPD	NPD	0,73	59,80	0,17/0,16	29,40	0,38/0,23	0,37	PASS
SGG CLIMATOP BIOCLEAN ULTRA N F2 F5 6(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40 K	6/12/4/12/4	36(-1;-5)	NPD	0,73	68,00	0,16/0,16	39,30	0,29/0,29	0,48	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 6(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	6/10/4/10/4	NPD	NPD	0,84	60,70	0,17/0,17	30,70	0,34/0,31	0,36	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 6(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	6/12/4/12/4	36(-1;-5)	NPD	0,73	60,70	0,17/0,17	30,70	0,34/0,31	0,36	PASS
SGG CLIMATOP 4S BIOCLEAN ULTRA N F5 6(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	6/14/4/14/4	NPD	NPD	0,64	60,70	0,17/0,17	30,70	0,34/0,31	0,36	PASS
SGG CLIMATOP ULTRA N SILENCE WS 44/47	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	8/12/4/12/8	47(-2;-6)	NPD	0,72	67,10	0,13/0,13	35,30	0,20/0,20	0,45	PASS
SGG CLIMATOP ULTRA N SILENCE WS 48/46	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	10/12/6/12/8	46(-2;-6)	NPD	0,71	66,60	0,13/0,13	34,90	0,22/0,20	0,47	PASS
SGG CLIMATOP ULTRA N SILENCE 50/50	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	12/12/6/12/8	50(-2;-6)	NPD	0,71	65,50	0,13/0,13	33,50	0,18/0,20	0,44	PASS
SGG CLIMATOP ULTRA N ACOUSTIC 42/38	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40K	8/12/4/12/6	38(-1;-3)	NPD	0,49	68,30	0,14/0,14	38,00	0,23/0,25	0,47	PASS
SGG CLIMATOP ULTRA N SILENCE 44/45	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40K	8/12/4/12/8	45(-2;-6)	NPD	0,49	67,30	0,13/0,13	35,80	0,23/0,20	0,47	PASS
SGG CLIMATOP ULTRA N ACOUSTIC 38/36	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/4	36(-1;-5)	NPD	0,72	69,90	0,14/0,14	40,20	0,25/0,28	0,49	PASS
SGG CLIMATOP ULTRA N ACOUSTIC 42/39	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/4/12/6	39(-1;-4)	NPD	0,72	68,30	0,14/0,14	38,00	0,23/0,25	0,47	PASS
SGG CLIMATOP ULTRA N ACOUSTIC 44/40	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	10/12/4/12/6	40(-1;-3)	NPD	0,72	68,40	0,14/0,14	38,10	0,23/0,25	0,47	PASS
SGG CLIMATOP ULTRA N SILENCE WS 42/42	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40K	6/12/4/12/8	42(-1;-5)	NPD	0,72	68,10	0,14/0,13	36,80	0,25/0,21	0,49	PASS
SGG CLIMATOP ULTRA N SILENCE 44/45	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40K	8/12/4/12/8	45(-2;-6)	NPD	0,72	67,30	0,13/0,13	35,80	0,23/0,20	0,47	PASS
SGG CLIMATOP ULTRA N F2-F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	32(-2;-5)	NPD	0,58	70,70	0,14/0,14	41,40	0,28/0,28	0,50	PASS
SGG CLIMATOP 6(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/4	36(-1;-5)	NPD	0,71	69,90	0,14/0,14	40,10	0,25/0,28	0,49	PASS
SGG CLIMATOP 8(12 krypton)4(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/4/12/6	38(-1;-3)	NPD	0,47	68,30	0,13/0,14	37,90	0,23/0,25	0,47	PASS
SGG CLIMATOP 8(12 argon)4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/4/12/6	39(-1;-4)	NPD	0,71	68,30	0,13/0,14	37,90	0,23/0,25	0,47	PASS
SGG CLIMATOP 10(12 argon)4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	10/12/4/12/6	40(-1;-3)	NPD	0,70	68,40	0,13/0,14	38,00	0,23/0,25	0,47	PASS
SGG CLIMATOP ULTRA N F2 F5 SILENCE 6(12 argon)4(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40K	6/12/4/12/8	42(-1;-5)	NPD	0,71	68,10	0,14/0,13	36,60	0,25/0,20	0,48	PASS
SGG CLIMATOP ULTRA N F2 F5 SILENCE 8(12 argon)4(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40K	8/12/4/12/8	45(-2;-6)	NPD	0,70	67,30	0,13/0,13	35,70	0,23/0,20	0,47	PASS
SGG CLIMATOP ULTRA N F2 F5 SILENCE 8(12 krypton)4(12 krypton)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40K	8/12/4/12/8	45(-2;-6)	NPD	0,47	67,30	0,13/0,13	35,70	0,23/0,20	0,47	PASS
SGG CLIMATOP ULTRA N F2 F5 SILENCE 10(12 argon)4(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40K	10/12/4/12/8	46(-2;-6)	NPD	0,70	67,40	0,13/0,13	35,80	0,23/0,20	0,47	PASS
SGG CLIMATOP ULTRA N F2 F5 SILENCE 44.1Si(12 argon)4(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40K	8/12/4/12/8	47(-2;-6)	NPD	0,70	67,10	0,13/0,13	35,20	0,20/0,20	0,45	PASS
SGG CLIMATOP ULTRA N F2 F5 SILENCE 66.1Si(12 argon)6(12 argon)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	12/12/6/12/8	50(-2;-6)	NPD	0,70	65,50	0,13/0,13	33,00	0,17/0,20	0,43	PASS
SGG CLIMATOP LIGHT (12 mm Argon Ug 0.7)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	3/12/3/12/3	NPD	NPD	0,70	73,00	0,03/0,03	43,50	0,15/0,15	0,51	PASS
SGG CLIMATOP MAX F2 F5 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	0,69	74,50	0,15/0,15	54,40	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,58	74,50	0,15/0,15	54,40	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,51	74,50	0,15/0,15	54,40	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,73	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,7	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP RELAX F2 PLT UN F5 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	0,66	61,60	0,13/0,14	32,20	0,34/0,30	0,38	PASS
SGG CLIMATOP RELAX F2 ULTRA N F5 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,49	61,90	0,13/0,14	32,20	0,34/0,30	0,38	PASS
SGG CLIMATOP RELAX F2 ULTRA N F5 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,49	61,90	0,13/0,14	32,20	0,34/0,30	0,38	PASS
SGG CLIMATOP RELAX F2 ULTRA N F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,72	61,90	0,13/0,14	32,20	0,34/0,30	0,38	PASS
SGG CLIMATOP RELAX F2 ULTRA N F5 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,64	61,90	0,13/0,14	32,20	0,34/0,30	0,38	PASS
SGG CLIMATOP ACOUSTIC ULTRA N F2 F5 6(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/4	35 (-1;-5)	NPD	0,72	69,90	0,14/0,14	40,20	0,25/0,28	0,49	PASS
SGG CLIMATOP ACOUSTIC ULTRA N F2 F5 8(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/12/4/12/4	37 (-1;-5)	NPD	0,72	69,10	0,14/0,14	39,10	0,23/0,28	0,47	PASS
SGG CLIMATOP SILENCE ULTRA N F2 F5 44.1(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/NPI	40K/40K/40K	9/12/4/12/4	38 (-1;-5)	NPD	0,72	68,90	0,14/0,14	37,80	0,21/0,28	0,46	PASS
SGG CLIMATOP ACOUSTIC ULTRA N F2 F5 44.2(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPI	1B1/NPD/NPI	40K/40K/40K	9/12/4/12/4	37 (-2;-6)	NPD	0,72	68,70	0,14/0,14	37,30	0,19/0,28	0,45	PASS
SGG CLIMATOP PLANITHERM S F3 BIOCLEAN 6(10 air)4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40 K	6/10/4/10/6	NPD	NPD	1,48	57,3	0,17/0,18	35,4	0,24/0,18	0,53	PASS
SGG CLIMATOP N F3 BIOCLEAN 6(10 air)4(10 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B:	40K/40K/40 K	6/10/4/10/6	NPD	NPD	1,42	68,2	0,19/0,19	40	0,26/0,20	0,53	PASS
SGG CLIMATOP SILENCE ULTRA N F3 F5 44.1Si(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/NPI	40K/40K/40K	9/12/4/12/4	38 (-1;-5)	NPD	0,72	68,90	0,14/0,13	37,80	0,20/0,28	0,48	PASS
SGG CLIMATOP PLANITHERM ONE 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	34(-2;-5)	NPD	0,53	58	0,31/0,31	31	0,43/0,43	0,37	PASS
SGG CLIMATOP PLANITHERM ONE 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	0,67	58	0,31/0,31	31	0,43/0,43	0,37	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken**											**System zur Bewertung der Leistungsbeständigkeit : 3**						
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMATOP PLANITHERM ONE 4(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	0,44	58	0,31/0,31	31	0,43/0,43	0,37	PASS
SGG CLIMATOP PLANITHERM ONE 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,51	58	0,31/0,31	31	0,43/0,43	0,37	PASS
SGG CLIMATOP PLANITHERM ONE 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	0,62	58	0,31/0,31	31	0,43/0,43	0,37	PASS
SGG CLIMATOP TOTAL F3 F5 DIAMANT 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	32(-2;-5)	NPD	0,78	70	0,15/0,15	45	0,29/0,23	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2& F5 4(12 argon)4(12 argor	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/12/4/12/4	NPD	NPD	0,74	74,3	0,15/0,15	53,7	0,28/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2& F5 4(12 krypton)4(12 kry	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/12/4/12/4	NPD	NPD	0,51	74,3	0,15/0,15	53,7	0,28/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2& F5 4(10 argon)4(10 argor	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/10/4/10/4	NPD	NPD	0,9	74,3	0,15/0,15	53,7	0,28/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2& F5 4(10 krypton)4(10 kry	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/10/4/10/4	NPD	NPD	0,58	74,3	0,15/0,15	53,7	0,28/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2& F5 4(8 krypton)4(8 krypt	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/8/4/8/4	NPD	NPD	0,69	74,3	0,15/0,15	53,7	0,28/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C	40K/40K/200K	4/12/4/12/4	NPD	NPD	0,74	74,1	0,15/0,15	54	0,27/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F5 4(12 krypton)4(12 krypton	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C	40K/40K/200K	4/12/4/12/4	NPD	NPD	0,51	74,1	0,15/0,15	54	0,27/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F5 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C	40K/40K/200K	4/10/4/10/4	NPD	NPD	0,9	74,1	0,15/0,15	54	0,27/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F5 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C	40K/40K/200K	4/8/4/8/4	NPD	NPD	0,69	74,1	0,15/0,15	54	0,27/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F5 4(10 krypton)4(10 krypton	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C	40K/40K/200K	4/10/4/10/4	NPD	NPD	0,59	74,1	0,15/0,15	54	0,27/0,28	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/40K	4/12/4/12/4	NPD	NPD	0,74	74,1	0,15/0,15	54	0,28/0,27	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2 4(12 krypton)4(12 krypton	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/40K	4/12/4/12/4	NPD	NPD	0,51	74,1	0,15/0,15	54	0,28/0,27	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/40K	4/10/4/10/4	NPD	NPD	0,9	74,1	0,15/0,15	54	0,28/0,27	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2 4(10 krypton)4(10 krypton	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/40K	4/10/4/10/4	NPD	NPD	0,58	74,1	0,15/0,15	54	0,28/0,27	0,60	PASS
SGG CLIMATOP SECURIT PLANITHERM MAX II F2 4(8 krypton)4(8 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/NPD	200K/40K/40K	4/8/4/8/4	NPD	NPD	0,69	74,1	0,15/0,15	54	0,28/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,9	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,6	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(10 argon*)4(10 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,9	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(12 argon*)4(12 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	NPD	NPD	0,8	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(14 argon*)4(14 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,7	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP MAX F2 F5 4(16 argon*)4(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	0,6	74	0,15/0,15	53	0,27/0,27	0,60	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN PROTECT 44.2(10 argon)4(10 arg	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	9/10/4/10/9	NPD	NPD	0,84	64,8	0,16/0,15	33,8	0,23/0,20	0,44	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN PROTECT 44.2(12 argon)4(12 arg	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	9/12/4/12/9	NPD	NPD	0,73	64,8	0,16/0,15	33,8	0,23/0,20	0,44	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN PROTECT 44.2(14 argon)4(14 arg	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	9/14/4/14/9	NPD	NPD	0,65	64,8	0,16/0,15	33,8	0,23/0,20	0,44	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN PROTECT 44.2(16 argon)4(16 arg	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	9/16/4/16/9	NPD	NPD	0,59	64,8	0,16/0,15	33,8	0,23/0,20	0,44	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN 4(10 argon)4(10 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	4/10/4/10/10	NPD	NPD	0,84	66,0	0,16/0,15	35,2	0,31/0,18	0,49	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN 4(12 argon)4(12 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	4/12/4/12/10	NPD	NPD	0,73	66,0	0,16/0,15	35,2	0,31/0,18	0,49	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN 4(14 argon)4(14 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	4/14/4/14/10	NPD	NPD	0,65	66,0	0,16/0,15	35,2	0,31/0,18	0,49	PASS
SGG CLIMATOP ULTRA N F2 -F5 BIOCLEAN 4(16 argon)4(16 argon)SP510	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	4/16/4/16/10	NPD	NPD	0,59	66,0	0,16/0,15	35,2	0,31/0,18	0,49	PASS
SGG CLIMATOP ULTRA N PROTECT SILENCE 6(12 argon)4(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1B	40K/40K/40K	6/12/4/12/9	NPD	NPD	0,7	68	0,14/0,13	36	0,25/0,19	0,48	PASS
SGG CLIMATOP PROTECT SILENCE ULTRA N F2 F5 44.2Si(12 argon)4(12 argo	NPD	NPD	NPD	NPD	NPD	NPD	1B1/NPD/1B1	40K/40K/40K	9/12/4/12/9	NPD	NPD	0,70	67	0,13/0,13	35	0,19/0,19	0,45	PASS
SGG CLIMATOP ULTRA N F2 F5 4(18 argon)4(18 argon)4 SWS	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	NPD	NPD	0,5	71	0,14/0,14	41	0,28/0,28	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 4(18 argon)4(18 argon)4 SWS V	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	NPD	NPD	0,5	71	0,14/0,14	41	0,28/0,28	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 4(18 argon)4(18 argon)4 STEEL	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/18/4/18/4	NPD	NPD	0,5	71	0,14/0,14	41	0,28/0,28	0,50	PASS
SGG CLIMATOP PLANITHERM S F2 6(10 air)4(8 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/10/4/8/4	NPD	NPD	1,5	60	0,15/0,17	41	0,21/0,23	0,47	PASS
SGG CLIMATOP ULTRA N F2 F5 4(10 krypton)4(10 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	0,6	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 6(10 krypton)6(10 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/10/6/10/6	NPD	NPD	0,6	69	0,15/0,15	39	0,28/0,28	0,49	PASS
SGG CLIMATOP ULTRA N F2 F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/18/6	NPD	NPD	0,5	69	0,15/0,15	39	0,28/0,28	0,49	PASS
SGG CLIMATOP ULTRA N F2 F5 8(10 krypton)6(10 krypton)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/10/6/10/8	NPD	NPD	0,6	68	0,15/0,15	38	0,26/0,26	0,48	PASS
SGG CLIMATOP ULTRA N F2 F5 8(18 argon)6(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/18/6/18/8	NPD	NPD	0,5	68	0,15/0,15	38	0,26/0,26	0,48	PASS
SGG CLIMATOP ULTRA N F2 - F5 PROTECT 44.2(12 argon)4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	9/12/4/12/6	NPD	NPD	0,7	69	0,15/0,15	38	0,22/0,28	0,46	PASS
SGG CLIMATOP ULTRA N F2 - F5 8(12 argon)4(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	8/12/4/12/6	39(-1;-4)	NPD	0,7	69	0,15/0,15	40	0,26/0,28	0,48	PASS
SGG CLIMATOP ULTRA N F2-F5 4(16 argon*)4(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	32(-2;-5)	NPD	0,58	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP 4S F2 PLT UN F5 4(15 argon)4(15 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/15/4/15/4	NPD	NPD	0,6	63	0,14/0,16	33	0,34/0,33	0,38	PASS
SGG CLIMATOP LUX F2 F5 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	0,8	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP LUX F2 F5 4(12 argon*)4(12 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	0,8	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP LUX F2 F5 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,7	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP LUX F2 F5 4(14 argon*)4(14 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,7	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP ULTRA N F2 4(10 air)4(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/10/4/10/4	NPD	NPD	1,4	73	0,18/0,18	48	0,29/0,27	0,54	PASS
SGG CLIMATOP SAFE N F2 4(15 air)4(15 air)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B	40K/40K/40K	4/15/4/15/6	NPD	NPD	1,1	71	0,17/0,18	45	0,27/0,22	0,54	PASS
SGG CLIMATOP SILENCE PLANITHERM 4S F2 6(10 air)55.1Si(10 air)4	NPD	NPD	NPD	NPD	NPD	NPD/P1A/NPI	NPD/2B2/NPI	40K/40K/40K	6/10/10/10/4	NPD	NPD	1,4	57	0,29/0,27	32	0,38/0,29	0,38	PASS
SGG CLIMALTOP SECURIT COOL-LITE SKN165 II F2 8(10 argon)6(10 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/NPI	40K/40K	8/10/6/10/8	NPD	NPD	1,1	53	0,19/0,21	26	0,29/0,29	0,30	PASS
SGG CLIMATOP ULTRA N F2 F5 6(12 argon)6(12 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/6/12/6	NPD	NPD	0,7	69	0,15/0,15	39	0,28/0,28	0,49	PASS
SGG CLIMATOP PROTECT ULTRA N F2 F5 SP510(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P5A/NPD	1B1/NPD	40K/40K/40K	10/16/4/16/4	NPD	NPD	0,6	68	0,15/0,15	37	0,19/0,30	0,44	PASS
SGG CLIMATOP SAFE ULTRA N F2 44.1(8 argon)4(8 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	8/8/4/8/8	NPD	NPD	1,3	70	0,17/0,17	41	0,23/0,21	0,49	PASS

CE	Leistungserklärung																	
	FGT Glaswerk GmbH **Industriepark Kleinkoschen, D-01968 Senftenberg**																	
EN 1279-5:2005+A2:2010	**Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken**											**System zur Bewertung der Leistungsbeständigkeit : 3**						
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMATOP ULTRA N F2 4(8 argon)4(8 argon)4 ARENA C	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	1,3	69	0,17/0,17	46	0,29/0,25	0,53	PASS
SGG CLIMATOP ULTRA N F2 4(8 argon)4(8 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/4/8/4	NPD	NPD	1,3	73	0,18/0,18	48	0,29/0,27	0,54	PASS
SGG CLIMATOP PLANITHERM S F2 SATINOVO 6(12 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/4	NPD	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMATOP PLANITHERM S F2 SATINOVO 4(12 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	1,3	NPD	NPD	NPD	NPD	NPD	PASS
SGG CLIMATOP 4(16 air)4(16 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	NPD	NPD	1,8	74	0,20/0,20	63	0,18/0,18	0,70	PASS
SGG CLIMATOP SILENCE ULTRA N F4 44.1Si(8 air)4(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	8/8/4/12/8	NPD	NPD	1,3	70	0,18/0,17	41	0,21/0,23	0,49	PASS
SGG CLIMATOP PROTECT ONE F2 F5 44.8(12 krypton)4(12 krypton)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	11/12/4/12/4	NPD	NPD	0,4	55	0,30/0,32	27	0,28/0,45	0,32	PASS
SGG CLIMATOP PROTECT ONE F2 F5 44.8(12 krypton)6(12 krypton)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40 K	11/12/6/12/6	NPD	NPD	0,4	54	0,30/0,31	26	0,28/0,41	0,32	PASS
SGG CLIMATOP PROTECT SILENCE ULTRA N F2 F5 6(16 argon)6(24 argon)66	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2	NPD/NPD/1B	40K/40K/40K	6/16/6/24/13	NPD	NPD	0,6	67	0,15/0,14	35	0,28/0,19	0,49	PASS
SGG CLIMATOP PROTECT SILENCE ULTRA N F2 F5 8(16 argon)6(16 argon)66	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2	NPD/NPD/1B	40K/40K/40K	8/16/6/16/13	NPD	NPD	0,6	66	0,15/0,14	35	0,26/0,19	0,48	PASS
SGG CLIMATOP ULTRA N F2 F5 8(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/16/6/16/6	NPD	NPD	0,7	70	0,15/0,15	41	0,32/0,28	0,51	PASS
SGG CLIMATOP SECURIT PROTECT SKN174II F2 ULTRA N F5 8(12 argon)6(12	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P4	1C2/1C2/1B1	200K/200K/40K	8/12/6/12/10	NPD	NPD	0,7	58	0,13/0,15	28	0,26/0,21	0,36	PASS
SGG CLIMATOP SECURIT PROTECT SKN174II F2 ULTRA N F5 8(12 argon)8(12	NPD	NPD	NPD	NPD/NPD/BR1-S	NPD	NPD/NPD/P4	1C2/1C2/1B1	200K/200K/40K	8/12/8/12/14	NPD	NPD	0,7	57	0,13/0,14	27	0,26/0,18	NPD	PASS
SGG CLIMATOP SILENCE ULTRA N F3 F5 44.1Si(8 air)4(12 air)44.1Si	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	8/8/4/12/8	NPD	NPD	1,07	68	0,15/0,15	37	0,24/0,23	0,48	PASS
SGG CLIMATOP ULTRA N F3 F5 44.1(8 air)4(12 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	8/8/4/12/8	NPD	NPD	1,07	68	0,15/0,15	37	0,24/0,23	0,48	PASS
SGG CLIMATOP ULTRA N F2 4(8 air)5(8 air)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/8/5/8/6	NPD	NPD	1,6	72	0,17/0,18	46	0,29/0,24	0,53	PASS
SGG CLIMATOP SECURIT ULTRA N II F2& F5 DIAMANT 6(10 argon)6(10 argo	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	6/10/6/10/6	NPD	NPD	0,8	73	0,16/0,16	46	0,35/0,35	0,53	PASS
SGG CLIMATOP SECURIT ULTRA N II F2& F5 DIAMANT 6(10 argon)4(8 argon	NPD	NPD	NPD	NPD	NPD	NPD	1C2/NPD/1C3	200K/40K/200K	6/10/4/8/4	NPD	NPD	0,9	73	0,16/0,16	47	0,35/0,36	0,53	PASS
SGG CLIMATOP SECURIT PROTECT ANTELIO BRONZE F1 ULTRA N II F3 ULTR	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2	1C2/1C2/1B1	200K/200K/40K	8/12/6/12/13	NPD	NPD	0,7	14	0,32/0,15	8	0,29/0,19	0,14	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N II F2 ULTRA N F5 DIAMANT 6(1(	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2	1C2/NPD/1B1	200K/40K/40K	6/10/4/10/9	NPD	NPD	0,8	72	0,16/0,15	43	0,35/0,26	0,52	PASS
SGG CLIMATOP 4S F2 6(12 air)4(12 air)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/4/12/4	NPD	NPD	1,3	64	0,16/0,19	34	0,32/0,32	0,38	PASS
SGG CLIMATOP LUX F2 F5 6(14 argon*)6(14 argon*)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/6/14/6	NPD	NPD	0,7	71	0,16/0,16	49	0,19/0,19	0,60	PASS
SGG CLIMATOP LUX F2 F5 4(16 argon*)4(16 argon*)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/6/14/6	32(-2;-5)	NPD	0,7	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(16 argon)	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NP	1B1/NPD/1C2	40K/40K/200K	9/16/4/14/6	NPD	NPD	0,6	69	0,15/0,15	38	0,22/0,28	0,46	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(12 argon)	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NP	1B1/NPD/1C2	40K/40K/200K	9/12/6/12/6	NPD	NPD	0,7	68	0,15/0,15	37	0,22/0,28	0,45	PASS
SGG CLIMATOP SECURIT PROTECT ONE F2 ONE II F5 44.2(12 argon)6(12 arg	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NP	1B1/NPD/1C2	40K/40K/200K	9/12/6/12/6	NPD	NPD	0,7	55	0,30/0,31	28	0,33/0,42	0,34	PASS
SGG CLIMATOP SECURIT PROTECT ONE F2 ONE II F5 44.2(16 argon)4(14 arg	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NP	1B1/NPD/1C2	40K/40K/200K	9/16/4/14/6	NPD	NPD	0,6	56	0,31/0,31	28	0,34/0,42	0,34	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(12 argon)	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NP	1B1/NPD/1C2	40K/40K/200K	9/12/4/12/4	NPD	NPD	0,7	69	0,15/0,15	39	0,22/0,31	0,46	PASS
SGG CLIMATOP PROTECT ULTRA N F2 F5 33.2(18 argon)4(18 argon)33.2	NPD	NPD	NPD	NPD	NPD	P1A/NPD/P1A	1B1/NPD/1B1	40K/40K/40 K	7/18/4/18/7	NPD	NPD	0,5	69	0,15/0,15	38	0,24/0,24	0,47	PASS
SGG CLIMATOP SAFE SKN065 F2 66.1(16 air)4(16 air)44.1 DIAMANT	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	12/16/4/16/8	NPD	NPD	1,0	56	0,19/0,22	27	0,33/0,35	0,30	PASS
SGG CLIMATOP PROTECT ULTRA N F2 F5 44.2(12 argon)4(12 argon)33.1	NPD	NPD	NPD	NPD	NPD	P1A/NPD/NP	1B1/NPD/2B2	40K/40K/40K	9/12/4/12/6	NPD	NPD	0,7	68	0,15/0,15	37	0,22/0,25	0,46	PASS
SGG CLIMATOP LUX F2 F5 SWS 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,7	73	0,17/0,17	53	0,20/0,20	0,62	PASS
SGG CLIMATOP ULTRA N F2 F5 SWS 4(14 argon)4(14 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/4/14/4	NPD	NPD	0,6	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 SWS 4(16 argon)4(16 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/16/4	32(-2;-5)	NPD	0,6	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP ULTRA N F2 F5 SWS 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/12/4/12/4	31 (-1;-5)	NPD	0,7	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP LUX F2 F5 6(16 argon)4(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,7	72	0,17/0,17	50	0,19/0,19	0,60	PASS
SGG CLIMATOP PROTECT LUX F2 F5 33.1(16 argon)4(16 argon)44.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P1	2B2/NPD/1B1	40K/40K/40K	6/16/4/16/9	NPD	NPD	0,7	70	0,16/0,16	46	0,17/0,15	0,58	PASS
SGG CLIMATOP PROTECT PLANITHERM 4S F2 ULTRA N F5 66.2(12 argon)5(	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40 K	13/12/5/12/1	NPD	NPD	0,7	53	0,26/0,23	26	0,28/0,24	0,33	PASS
SGG CLIMATOP SAFE ULTRA N F2 4(12 argon)4(12 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B	40K/40K/40K	4/12/4/12/8	NPD	NPD	1,0	71	0,17/0,18	44	0,29/0,21	0,53	PASS
SGG CLIMATOP ULTRA N F2 4(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/2B	40K/40K/40K	4/12/4/12/4	31(-1;-5)	NPD	1,0	73	0,18/0,18	48	0,29/0,27	0,54	PASS
SGG CLIMATOP PROTECT ULTRA N F2 F5 SP722(12 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	P7B/NPD	1B1/NPD	40K/40K/40K	23/12/4/10/4	NPD	NPD	0,8	64	0,13/0,15	32	0,12/0,30	0,38	PASS
SGG CLIMATOP PROTECT SILENCE PLANITHERM LUX F2 F5 44.2Si(15 argon)	NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40K	9/15/4/15/9	NPD	NPD	0,7	69	0,16/0,16	44	0,15/0,15	0,55	PASS
SGG CLIMATOP PROTECT SILENCE PLANITHERM LUX F2 F5 8(15 argon)4(15	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2	NPD/NPD/1B	40K/40K/40K	8/15/4/15/9	NPD	NPD	0,7	70	0,16/0,16	45	0,18/0,15	0,58	PASS
SGG CLIMATOP PROTECT SILENCE PLANITHERM LUX F2 F5 6(15 argon)4(15	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2	NPD/NPD/1B	40K/40K/40K	6/15/4/15/9	NPD	NPD	0,7	70	0,16/0,16	46	0,19/0,15	0,60	PASS
SGG CLIMATOP PLANITHERM LUX F2 F5 8(15 argon)4(15 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/15/4/15/6	NPD	NPD	0,7	71	0,16/0,16	49	0,18/0,19	0,58	PASS
SGG CLIMATOP SECURIT PROTECT SKN165 II F2 ULTRA N II F3 8(12 argon)6(	NPD	NPD	NPD	NPD	NPD/NPD/ER	NPD	1C2/1C2/1B1	200K/200K/200K	8/12/6/12/33	NPD	NPD	0,9	46	0,17/0,16	19	0,28/0,12	0,29	PASS
SGG CLIMATOP SECURIT PROTECT SKN165 II F2 ULTRA N II F3 8(12 argon)6(	NPD	NPD	NPD	NPD	NPD/NPD/ER	NPD	1C2/1C2/1B1	200K/200K/40K	8/12/6/12/10	NPD	NPD	1,0	51	0,17/0,19	23	0,28/0,22	0,30	PASS
SGG CLIMATOP SECURIT PROTECT SKN165 II F2 ULTRA N II F3 8(12 argon)6(	NPD	NPD	NPD	NPD	NPD/NPD/ER	NPD/NPD/P5	1C2/1C2/1B1	200K/200K/40K	8/12/6/12/18	NPD	NPD	1,0	49	0,17/0,18	21	0,28/0,17	0,29	PASS
SGG CLIMATOP ULTRA N F2 4(16 argon)4(8 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/4/8/4	NPD	NPD	0,9	73	0,18/0,18	48	0,29/0,27	0,54	PASS
SGG CLIMATOP SECURIT ULTRA N II F2& F5 8(20 argon)6(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/20/6/18/8	NPD	NPD	0,5	68	0,15/0,15	38	0,26/0,26	0,48	PASS
SGG CLIMATOP ULTRA N F2 F5 33.1(10 air)4(10 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	6/10/4/10/8	NPD	NPD	1,1	69	0,15/0,15	38	0,25/0,24	0,47	PASS
SGG CLIMATOP ULTRA N F2 F5 33.1(10 argon)4(10 aargon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD/2B2	40K/40K/40K	6/10/4/10/8	NPD	NPD	10,8	69	0,15/0,15	38	0,25/0,24	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 4(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	1C3/NPD/1C3	200K/40K/200K	4/10/4/10/4	NPD	NPD	0,8	71	0,15/0,15	42	0,31/0,31	0,50	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 12(18 argon)10(18 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C1/1C1	200K/200K/200K	12/18/10/18/	NPD	NPD	0,5	65	0,14/0,14	33	0,21/0,23	0,46	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(18 argon)8(20 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C1	200K/200K/200K	8/18/8/20/10	NPD	NPD	0,5	67	0,15/0,15	36	0,25/0,23	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 10(18 argon)6(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2	200K/200K/200K	10/18/6/18/8	NPD	NPD	0,5	67	0,15/0,15	37	0,23/0,26	0,46	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 10(20 argon)6(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2	200K/200K/200K	10/20/6/20/8	NPD	NPD	0,5	67	0,15/0,15	37	0,23/0,26	0,49	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 10(16 argon)6(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2	200K/200K/200K	10/16/6/14/8	NPD	NPD	0,6	67	0,15/0,15	37	0,23/0,26	0,49	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(18 argon)8(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/18/8/18/8	NPD	NPD	0,5	67	0,15/0,15	37	0,25/0,25	0,47	PASS

CE

Leistungserklärung

FGT Glaswerk GmbH
Industriepark Kleinkoschen, D-01968 Senftenberg

Glaswerk GmbH

EN 1279-5:2005+A2:2010

Mehrscheiben - Isolierglas zur Verwendung in Gebäuden und Bauwerken **System zur Bewertung der Leistungsbeständigkeit : 3**

Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von außen	Beschusshemmung	Sprengwirkungshemmung	Durchbruchhemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfritstiger Lasten.	Lustschalldämmung(dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttransmission	Lichtreflektion	energietransmission	Energiereflektion	g-Wert	Dauerhaftigkeit
AVCP systems	**1**	**3, 4**	**3, 4**	**1**	**1**	**3**	**3**	**4**	**4**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**	**3**
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 8(20 argon)6(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/20/6/18/8	NPD	NPD	0,5	68	0,15/0,15	38	0,26/0,26	0,50	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 12(20 argon)6(18 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2	200K/200K/200K	12/20/6/18/8	NPD	NPD	0,5	66	0,14/0,15	36	0,21/0,26	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(20 argon)8(20 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/20/8/20/8	NPD	NPD	0,5	67	0,15/0,15	37	0,25/0,25	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 12(20 argon)8(18 argon)10	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C1	200K/200K/200K	12/20/8/18/1	NPD	NPD	0,5	65	0,14/0,15	34	0,21/0,23	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F3 & F5 12(14 argon)6(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2	200K/200K/200K	12/14/6/14/8	NPD	NPD	0,6	66	0,14/0,15	36	0,21/0,26	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 10(16 argon)6(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2	200K/200K/200K	10/16/6/14/8	NPD	NPD	0,6	67	0,15/0,15	37	0,23/0,26	0,46	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(14 argon)8(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/14/8/14/8	NPD	NPD	0,6	67	0,15/0,15	37	0,25/0,25	0,47	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(14 argon)8(14 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/14/6/14/8	NPD	NPD	0,6	68	0,15/0,15	38	0,26/0,26	0,48	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(16 argon)8(16 argon)8	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/16/6/16/8	NPD	NPD	0,6	68	0,15/0,15	38	0,26/0,26	0,48	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 8(18 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	8/18/6/16/6	NPD	NPD	0,5	68	0,15/0,15	38	0,26/0,26	0,48	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 6(18 argon)6(18 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	6/18/6/18/6	NPD	NPD	0,5	69	0,15/0,15	39	0,28/0,28	0,49	PASS
SGG CLIMATOP SECURIT ULTRA N II F2 & F5 6(16 argon)6(16 argon)6	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2	200K/200K/200K	6/16/6/16/6	NPD	NPD	0,6	69	0,15/0,15	39	0,28/0,28	0,49	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(14 argon)	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPI	1B1/1C2/1C2	40K/200K/200K	9/14/6/14/8	NPD	NPD	0,6	67	0,15/0,15	36	0,22/0,26	0,45	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(16 argon)	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPI	1B1/1C2/1C2	40K/200K/200K	9/16/6/16/8	NPD	NPD	0,6	67	0,15/0,15	36	0,22/0,26	0,45	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(18 argon)	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPI	1B1/1C2/1C2	40K/200K/200K	9/18/6/18/8	NPD	NPD	0,5	67	0,15/0,15	36	0,22/0,26	0,45	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N F2 ULTRA N II F5 44.2(20 argon)	NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPI	1B1/1C2/1C2	40K/200K/200K	9/20/6/20/8	NPD	NPD	0,5	67	0,15/0,15	36	0,22/0,26	0,45	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N II F2 ULTRA N F5 8(20 argon)6(2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	1C2/1C2/1B1	200K/200K/40K	8/20/6/20/11	NPD	NPD	0,5	67	0,15/0,15	35	0,26/0,20	0,48	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N II F3 ULTRA N F5 8(18 argon)6(2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	1C2/1C2/1B1	200K/200K/40K	8/18/6/20/11	NPD	NPD	0,5	67	0,15/0,15	35	0,26/0,20	0,50	PASS
SGG CLIMATOP SECURIT PROTECT ULTRA N II F3 ULTRA N F5 8(14 argon)6(1	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2/	1C2/1C2/1B1	200K/200K/40K	8/14/6/14/11	NPD	NPD	0,6	67	0,15/0,15	35	0,26/0,20	0,50	PASS
SGG TRISTAR N 44.4(15 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/15/4	NPD	NPD	1,19	76,70	0,11/0,12	45,6	0,15/0,23	0,54	PASS
SGG TRISTAR N BIOCLEAN 44.4(15 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/15/4	NPD	NPD	1,19	74,50	0,14/0,14	43,90	0,17/0,24	0,52	PASS
SGG TRISTAR N 44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	1,19	76,70	0,12/0,12	44,80	0,14/0,23	0,54	PASS
SGG TRISTAR N BIOCLEAN 44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	1,19	74,50	0,14/0,14	43,90	0,17/0,24	0,52	PASS
SGG TRISTAR ULTRA N 44.4(15 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/15/4	NPD	NPD	1,1	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG TRISTAR ULTRA N BIOCLEAN 44.4(15 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/15/4	NPD	NPD	1,11	74,10	0,14/0,13	44,30	0,17/0,25	0,52	PASS
SGG TRISTAR ULTRA N 44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	1,1	77,49	0,12/0,12	47,88	0,17/0,26	0,55	PASS
SGG TRISTAR ULTRA N BIOCLEAN 44.4(16 argon)4	NPD	NPD	NPD	NPD	NPD	P4A/NPD	1B1/NPD	40K/40K	10/16/4	NPD	NPD	1,12	74,80	0,14/0,14	44,10	0,17/0,27	0,52	PASS
ESSAI 1_SGG CLIMAPLUS SAFE ULTRA N F2 4(15 argon)33.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	4/15/6	NPD	0,89	2	58,5	0,25/0,12	38	0,24/0,19	0,42	PASS
ESSAI_SGG CLIMAPLUS PROTECT ULTRA N F3 44.2(12 air)4	NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	9/12/4	NPD	NPD	1,6	77,95	0,12/0,12	48,96	0,19/0,26	0,56	PASS
ESSAI_SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(12 argon)44.2Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	1,3	74,82	0,11/0,12	43,42	0,18/0,18	0,55	PASS
ESSAI_SGG CLIMAPLUS PROTECT SILENCE ULTRA N F3 12(12 argon)44.4Si	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	PASS

Die Leistung des Produkts entspricht der oben deklarierten Leistung.
Diese Leistungserklärung wurde in der alleinigen Verantwortung des Herstellers erstellt
Unterschrieben für und auf Anweisung des Herstellers von:

Name und Funktion	Ort und Datum der Erstellung	Unterschrift
Ulrich Fey Geschäftsführer	Senftenberg, 01.07.2013	U. Fey