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EN 1279-5:2006+A2:2010		Nr.: LE40000000		Isoliertglas zur Verwendung in Gebäuden und Bauwerken															
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-unghemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schwing-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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)44.15i		NPd	NPd	NPd	NPd	NPd	NPd	NPd/282	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 PARSON 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 PARSON BRONZE 4(12 air)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K										



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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schwerk-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	
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	40K/40K	4/16/4	29(-1;-4)	NPd	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	40K/40K	4/9/4	29(-1;-4)	NPd	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	NPd/P1A	NPd/1B1	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)66.25i		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 66.25i(20 air)44.25i		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	NP												

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Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schwerk-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
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 44.15i(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 44.15i(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*)/1C2	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	(1C0/1C2*)/1B1	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/(1C0/1C2*)	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
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							

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Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprenge-wirkungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 33.2 (10 air)44.15i		NPd	NPd	NPd	NPd	NPd	P1A/P2A	181/282	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 33.25i(20 air)44.25i		NPd	NPd	NPd	NPd	NPd	P1A/P2A	181/181	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)44.15i		NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/282	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 44.25i(15 air)55.25i		NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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 44.25i(20 air)55.25i		NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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
SGG CLIMALIT PROTECT SILENCE 44.25i(20 air)66.25i		NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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 44.25i(20 air)64.2		NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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 44.25i(24 air)66.25i		NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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)44.15i		NPd	NPd	NPd	NPd	NPd	NPd/P2A	282/282	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)44.25i		NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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 64.25i(24 air) 86.25i		NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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 66.25i(12 air)66.2		NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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)44.15i		NPd	NPd	NPd	NPd	NPd	NPd/P2A	282/282	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)44.25i		NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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 S(12 air)33.2		NPd	NPd	NPd	NPd	NPd	NPd/P1A	NPd/181	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 S(12 air)33.25i		NPd	NPd	NPd	NPd	NPd	NPd/P1A	NPd/181	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 S(7 air)33.25i		NPd	NPd	NPd	NPd	NPd	NPd/P1A	NPd/181	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 G(12 air)66.2		NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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 G(15 air)44.2		NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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)44.25i		NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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)55.25i		NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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)64.25i		NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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)66.25i		NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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)64.15i		NPd	NPd	NPd	NPd	NPd	NPd/NPd	NPd/282	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/181	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/181	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/181	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)44.25i		NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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)86.25i		NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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)64.25i		NPd/A1	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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)44.25i		NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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/181	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)66.25i		NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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)66.25i		NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/181	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 33.25i(12 argon)64.25i		NPd	NPd	NPd	NPd	NPd	P1A/P2A	181/181	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 33.25i(20 argon)64.25i		NPd	NPd	NPd	NPd	NPd	P1A/P2A	181/181	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 44.15i(24 argon)86.25i		NPd	NPd	NPd	NPd	NPd	P1A/NPd	181/282	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	181/181	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 44.25i(20 argon)64.25i		NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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	181/181	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	181/181	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 66.25i(16 argon)88.25i		NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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	181/181	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														

<div><div><div></div><div></div></div></div>		Leistungserklärung		C.Bergmann KG, Bergmann Platz 1, A-4050 Traun										<div><div><div></div><div></div></div></div>					
EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schwerk-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
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/40K	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(air)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 PAR SOL 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 33.15i(6 air)33.15i		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 33.15i(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																			

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EN 1279-5:2006+A2:2010		Nr.: LE40000000		Isoliertglas zur Verwendung in Gebäuden und Bauwerken															
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schwing-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 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 PARSON 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	18/15/12	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 1010.35GP(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	NPD/BR4-NS	NPd	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 OPAL(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)46.15i		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	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 1010.15(24 air)66.15i		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	12/8/12	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
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/NPD	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													

	Leistungserklärung Nr.: LE40000000	C.Bergmann KG, Bergmann Platz 1, A-4050 Traun										 C.Bergmann						
EN 1279-5:2006+A2:2010	Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schwerk-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.15i(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 44.15i(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 44.15i(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 44.15i(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 44.15i(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 44.15i(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 44.15i(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 44.15i(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 44.15i(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 44.15i(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
SGG CLIMAPLUS N SILENCE BIOCLEAN 44.15i(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 44.15i(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 44.15i(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 44.15i(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 44.15i(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 44.15i(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 44.15i(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 55.15i(15 argon)44.15i	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 55.15i(15 argon)44.15i	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 55.15i(16 argon)44.15i	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 55.15i(16 argon)44.15i	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 66.15i(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 66.15i(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 66.25i(15 argon)44.25i	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 66.25i(15 argon)44.25i	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 66.25i(16 argon)44.25i	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 66.25i(16 argon)44.25i	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 44.15i(24 argon)10	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 44.15i(24 argon)10	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 66.25i(20 argon)44.25i	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 66.25i(20 argon)44.25i	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 66.25i(24 argon)44.25i	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 66.25i(24 argon)44.25i	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 86.15i(24 argon)44.15i	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 68.15i(24 argon)44.15i	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 86.25i(24 argon)64.25i	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 86.25i(24 argon)46.25i	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 33.15i(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 33.15i(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 33.15i(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 33.15i(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 44.15i(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 44.15i(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 44.15i(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 44.15i(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 33.15i(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 33.15i(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 33.15i(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 33.15i(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 33.15i(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 33.15i(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 44.15i(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				

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 66.15i(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 66.15i(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 66.25i(15 argon)44.25i		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 66.25i(15 argon)44.25i		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 66.25i(16 argon)44.25i		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 66.25i(16 argon)44.25i		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 44.15i(24 argon)10		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 44.15i(24 argon)10		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 66.25i(20 argon)44.25i		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 66.25i(20 argon)44.25i		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 66.25i(24 argon)44.25i		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 66.25i(24 argon)44.25i		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 86.15i(24 argon)44.15i		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 86.15i(24 argon)44.15i		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 86.15i(24 argon)64.25i		NPD	NPD	NPD	NPD	NPD	P2A/P2A	1B1/1B1	40K/40K	1									

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																		
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schwerk-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit	
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 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	
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 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	NPd	2B2/IC2	40K/200K	8/12/6	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	NPd/2B2	40K/40K	4/10/6	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	NPd/2B2	40K/40K	6/10/8	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)33.1s1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	NPd/2B2	40K/40K	6/12/6	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	NPd	1C2/NPD	200K/40K	6/12/6	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	NPd	40K/40K	6/12/6	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	NPd	1C3/IC3	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	NPd	1C3/IC3	200K/200K	4/12/4	29(0;-3)	NPd	1,8	77,39	0,12/0,12				

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	
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
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</													

<div><div><div></div><div></div></div></div>		Leistungserklärung Nr.: LE40000000				C.Bergmann KG, Bergmann Platz 1, A-4050 Traun										<div><div><div></div><div></div></div></div>			
EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 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 BODY TINT GREY 6(16 air)6		NPd	NPd	NPd	NPd	NPd	NPd	1C2/1C2	200K/200K	6/16/6	NPd	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															

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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(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/2B2	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
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 44.2(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 44.2S(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 44.2S(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
XXS 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)444.																			

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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(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
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 45 6(12 air)44,2		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/1B1	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 45 6(12 argon)44,2		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/1B1	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 45 6(15 air)44,2		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/1B1	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 45 6(15 argon)44,2		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/1B1	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 45 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 45 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 45 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 45 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											

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																			
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit		
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 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 33.15(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	282/NPd	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	NPd	282/NPd	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	NPd	1C2/NPd	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	NPd	1C2/NPd	200K/40K	6/16/4	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	NPd	P1A/NPd	181/NPd	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	NPd	282/NPd	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	NPd	282/NPd	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	NPd	282/NPd	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	NPd	282/NPd	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	181/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	181/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	NPd	282/NPd	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	NPd	282/NPd	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	181/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	181/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		
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	181/282	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	181/282	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	181/NPd	40K/40K	7/14/4	NPd	NPd	1,52	78,20	0,12/0,12	48,20	0,17/0,23				

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 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
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)44.15i		NPD	NPD	NPD	NPD	NPD	NPD	NPD	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 45 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		

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																			
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit		
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 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		
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	NPD	1C2/1C2	200K/200K	6/16/6	31(-1;-4)	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	NPD/2B2	200K/40K	6/16/6	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	NPD/2B2	200K/40K	6/16/6	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	NPD/2B2	200K/40K	6/12/6	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	NPD	1C3/1C3	200K/200K	4/16/4	29(-1;-4)	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	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	NPD	1C2/2B2	200K/40K	6/15/8	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	NPD	2B2/1C3	40K/200K	8/12/4	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	NPD	2B2/1C3	40K/200K	8/15/4	NPD	1,4	65,79	0,09/0,11	35,02	0,21/0,31	0,39	PASS		
SGG CLIMAPLUS N SILENCE 44.15(12 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	2B2/NPD	40K/40K	8/12/6	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	NPD	1C3/2B2	200K/40K	4/12/6	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	NPD	1C2/2B2	200K/40K	6/12/6	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	NPD	1C2/2B2	200K/40K	6/15/6	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	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)44.15i		NPD	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)44.15i		NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD/2B2	40K/40K	6/15/8	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	NPD	2B2/2B2	40K/40K	8/12/8	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	NPD	2B2/2B2	40K/40K	8/15/8	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												

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 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	NPD	1C3/NPD	200K/40K	4/12/4	29(0;-3)	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	NPD	1C3/2B2	200K/40K	4/16/6	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	NPD	1C3/2B2	200K/40K	4/18/6	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	NPD	1C3/2B2	200K/40K	4/12/6	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	NPD	1C2/2B2	200K/40K	8/12/8	40(-1;-5)	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	NPD	2B2/NPD	40K/40K	6/16/4	NPD	1,1	70,25	0,12/0,13	36,81	0,27/0,34	0,40	PASS
SGG CLIMAPLUS SAFE N SERALUT EVOLUTION 6(15 argon)33.1		NPD	NPD	NPD	NPD	NPD	NPD	NPD	1(C0)/1C2*)/2B2	200K/40K	6/15/6	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	NPD	1C2/2B2	200K/40K	6/14/6	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	NPD/2B2	40K/40K	6/14/6	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	NPD/P1A	1C3/1B1	200K/40K	4/20/7	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	NPD/2B2	40K/40K	6/14/8	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	NPD/2B2	40K/40K	6/14/6	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	NPD/2B2	40K/40K	6/12/6	NPD	1,2	49,86	0,18/0,22	23,05	0,34/0,35	0,27	PASS
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	NPD/2B2	40K/40K	6/14/6	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	NPD	2B2/1C2	40K/200K	6/14/6	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	NPD/2B2	40K/40K	4/12/6	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																			

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschalldämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SSG 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
SSG CLIMAPLUS SAFE 45 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
SSG 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
SSG CLIMAPLUS N F2 6(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/16/4	NPd	NPd	1,20	79,50	0,12/0,12	52,90	0,23/0,23	0,58	PASS
SSG 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
SSG CLIMAPLUS SAFE 45 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
SSG 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
SSG CLIMAPLUS ACOUSTIC 45 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
SSG 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
SSG CLIMAPLUS N 6(24 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/24/4	NPd	NPd	1,24	78,60	0,12/0,12	51,00	0,21/0,23	0,61	PASS
SSG 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
SSG 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
SSG CLIMAPLUS PROTECT COOL-LITE SKN154 6(12 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	NPd/1B1	6/12/9	NPd	NPd	1,2	49,26	0,18/0,21	22,43	0,34/0,31	0,27	PASS
SSG 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
SSG 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
SSG 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
SSG 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
SSG CLIMAPLUS N PARSOLO GREY 6(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/16/4	NPd	NPd	1,20	38,30	0,06/0,10	28,00	0,11/0,22	0,36	PASS
SSG 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
SSG 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
SSG 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
SSG CLIMAPLUS N COTSWOLD 4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/14/4	NPd	NPd	1,22	NPd	NPd	NPd	NPd	NPd	PASS
SSG 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
SSG 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
SSG 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
SSG 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
SSG 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
SSG CLIMAPLUS N PARSOLO 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
SSG CLIMAPLUS N 6(10 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/10/6	NPd	NPd	1,5	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SSG CLIMAPLUS N 8(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	8/14/6	NPd	NPd	1,2	77,35	0,12/0,12	50,89	0,21/0,22	0,61	PASS
SSG CLIMAPLUS ACOUSTIC 45 F2 6(24 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/24/4	NPd	NPd	1,2	70,46	0,12/0,13	38,39	0,30/0,34	0,41	PASS
SSG 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
SSG CLIMAPLUS SAFE 45 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
SSG 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
SSG CLIMAPLUS SAFE 45 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
SSG 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
SSG 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
SSG 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
SSG CLIMAPLUS N SATINOVO MATE 4(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/12/4	NPd	NPd	1,35	NPd	NPd	NPd	NPd	NPd	PASS
SSG 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
SSG CLIMAPLUS N SAHARA 4(15 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/15/4	NPd	NPd	1,19	NPd	NPd	NPd	NPd	NPd	PASS
SSG CLIMAPLUS N TWIST 4(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/12/4	NPd	NPd	1,35	NPd	NPd	NPd	NPd	NPd	PASS
SSG CLIMAPLUS SAFE 45 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
SSG 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
SSG 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
SSG 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
SSG 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
SSG 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
SSG CLIMAPLUS N 4(15 air)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/15/4	NPd	NPd	1,5	79,48	0,12/0,12	55,20	0,25/0,24	0,64	PASS
SSG CLIMAPLUS N 6(12 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/12/6	NPd	NPd	1,3	78,05	0,12/0,12	52,26	0,23/0,22	0,62	PASS
SSG CLIMAPLUS SAFE N F2 4(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd/1C3	40K/200K	4/12/4	NPd	NPd</							

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																		
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit	
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 N 44.15i(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	NPd	1C3/NPD	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	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 5 4(18 argon)4		NPd	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	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 PAROSOL GREY 6(16 argon)6		NPd	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	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	
SGG CLIMAPLUS SECURIT EKOPLUS 5 6(14 argon)6		NPd	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	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	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	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	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	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)33.25i		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P1A	40K/40K	4/15/7	36(-1;-5)	NPd	1,1	78,66	0,12/0,12	50,23	0			

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EN 1279-5:2006+A2:2010						Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale						Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 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	40 K/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						

<div><div><div><div></div><div></div></div></div><div></div></div>		Leistungserklärung Nr.: LE40000000				C.Bergmann KG, Bergmann Platz 1, A-4050 Traun														<div><div><div><div></div><div></div></div></div><div></div></div>	
EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																			
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit		
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 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)64.25i		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)64.25i		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)64.25i		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)44.15i		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)44.15i		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)44.15i		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)44.25i		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)44.25i		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)44.25i		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 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	0,12/0,11	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 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		
SGG CLIMAPLUS SILENCE ULTRA N F2 8(12 argon)44.15i		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)44.15i		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)44.15i		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)44.25i		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)44.25i		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)44.25i		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</					

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 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
SGG CLIMAPLUS SILENCE ULTRA N F3 10(20 argon)44.15i		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)44.15i		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)44.25i		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)44.25i		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)44.25i		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)44.25i		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)86.25i		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)86.25i		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)86.25i		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)64.25i		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)86.25i		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)44.25i		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)44.25i		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)44.45i		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)44.45i		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)44.25i		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)44.25i		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)44.25i		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						

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EN 1279-5:2006+A2:2010						Isoliertglas zur Verwendung in Gebäuden und Bauwerken															
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-unghemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit		
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 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		
XXK 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</										

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																		
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit	
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3	
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	NPd	P2A/P2A	181/181	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	NPd	P2A/P2A	181/181	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	NPd	P2A/P2A	181/181	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 66.15(15 argon)44.2Si		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	282/181	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 66.15(15 argon)44.2Si		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	282/181	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 66.15(15 argon)44.2Si		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	282/181	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 66.15(20 argon)44.2Si		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	282/181	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 66.15(20 argon)44.2Si		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	282/181	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 66.15(20 argon)44.2Si		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	282/181	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 66.25(20 argon)44.2Si		NPd	NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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 66.25(20 argon)44.2Si		NPd	NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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 66.25(20 argon)44.2Si		NPd	NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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 66.25(24 argon)44.2Si		NPd	NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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 66.25(24 argon)44.2Si		NPd	NPd	NPd	NPd	NPd	NPd	P2A/P2A	181/181	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 88.25(20 argon)55.1Si		NPd	NPd	NPd	NPd	NPd	NPd	P2A/NPD	181/282	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 88.25(20 argon)55.1Si		NPd	NPd	NPd	NPd	NPd	NPd	P2A/NPD	181/282	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 88.25(20 argon)55.1Si		NPd	NPd	NPd	NPd	NPd	NPd	P2A/NPD	181/282	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	NPd/P2A	NPd/181	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	NPd/P4A	NPd/181	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	NPd	P2A/P4A	181/181	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 44.1(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P4A	NPd/181	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 44.1(10 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P4A	NPd/181	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	NPd/P2A	1C2/181	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)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	(1C2/1C2*)/181	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)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	(1C2/1C2*)/181	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	NPd	P2A	(1C2/1C2)/18	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 PLANTHERM S 44.1 (15 air) 88.2		A1/NPD	NPd	NPd	NPd	NPd	NPd	NPd	2B2/181	40K/40K	9/15/17	NPd	NPd	1,5	61,84	0,11/0,11	35,96	0,15/0,12	0,46	PASS
SGG CLIMAPLUS SAFE PLANTHERM S 44.1(20 air)88.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	282/181	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	NPd/P5A	NPd/181	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	NPd/282	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	NPd/P2A	NPd/181	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 ANTELUO 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 PLANTHERM 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/			

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 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)64.25i		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 PARSOOL 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 66.25i(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 45 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 45 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 45 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 45 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)44.15i		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)33.15i		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
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 45 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 45 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 45 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 55.15i(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 45 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 45 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 45 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 45 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 45 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 45 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 45 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 45 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 45 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 45 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 45 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 45 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											

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																			
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit		
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 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		
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	NPd/2B2	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	NPd/2B2	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	NPd/2B2	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	NPd	2B2/NPD	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	NPd/2B2	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	NPd/2B2	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	NPd	2B2/NPD	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	NPd	2B2/NPD	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	NPd/2B2	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	NPd/2B2	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	NPd	2B2/NPD	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	NPd	2B2/NPD	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	NPd	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)55.2 Si		NPd	NPd	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	NPd	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	NPd	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	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	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	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	NPd/2B2	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	NPd/2B2	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	NPd	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	NPd	6/10/4	NPd	NPd	2,0	NPd	NPd	NPd	NPd	NPd	PASS		
SGG CLIMAPLUS SAFE SILENCE 55.1S(16 argon)44.1 Ultra N F3		NPd	NPd	NPd	NPd	NPd	NPd	NPd	NPd	2B2/2B2	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 55.1S(16 argon)44.2 ARENA C		NPd	NPd	NPd	NPd	NPd	NPd	NPd	NPd	2B2/2B2	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	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	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	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	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	NPd	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	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	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	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	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	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																

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 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 45 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)44.1		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	NPd/P2A	NPd/1B1	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 10(20 air)1010.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	1C1/1B1	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	NPd	1C2/2B2	200K/40K	8/16/12	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	NPd	1C2/2B2	200K/40K	8/12/10	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 45 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 66.1Si(12 air)6		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 45 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 45 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)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	(1C1/1C1*)/1B1	200K/40K	10/20/9	NPd	1,1	65,79	0,11/0,12	33,46	0,22/0,23	0,39	PASS
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 argon)44.2 Si		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	(1C1/1C1*)/1B1	200K/40K	10/20/9	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 argon)44.2 Si STS		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	(1C1/1C1*)/1B1	200K/40K	10/20/9	NPd	1,1	65,79	0,11/0,12	33,46	0,22/0,23	0,39	PASS
SGG CLIMAPLUS ACOUSTIC 45 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</																

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	
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 44.25(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 44.25(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 64.25(12 argon*)44.25i		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(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 44.25(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 44.25(12 argon)10		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 64.25(12 argon)44.25i		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 45 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 45 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 45 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)44.1		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)1010.4		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	NPd	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
SGG CLIMAPLUS SAFE PLANITHERM S F3 66.1(16 air)44.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	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 45 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 45 F2 6(14 air)33.15i		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 ANTELOU 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)44.15i		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)44.25i		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 45 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)66.25i		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)6		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/										

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																		
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit	
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 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 44.25i(15 argon)44.25i		NPd	NPd	NPd	NPd	NPd	P2A/P2A	1B1/1B1	40K/40K	9/15/9	42(-2;-6)	NPd	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)4		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	
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 OPALÉ 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 45 F2 44.25i(15 argon)44.25i		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	NPd	NPd/BR3-S	NPd	NPd	2B2/1B1	40K/40K	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	NPd	NPd/BR3-S	NPd	NPd	2B2/1B1	40K/40K	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.																				

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
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	NPd	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 33.1S(12 air)4		NPd	NPd	NPd	NPd	NPd	NPd	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	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	NPd	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	NPd	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 22.1S(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	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	NPd	40K/40K	6/24/4	NPd	NPd	1,5	15	0,23/0,27	7	0,13/0,34	0,13	PASS
SGG CLIMAPLUS N SATINOVNO 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	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)44.1S1		NPd	NPd	NPd	NPd	NPd	NPd	NPD/NPd	NPd/2B2	40K/40K	6/10/8	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	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	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	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	NPd	40K/40K	2B2/2B2	40K/40K	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	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 44.2S(20 argon)66.2S1		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	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	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	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	NPd	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 88.1S(16 air)88.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	2B2/2B2	40K/40K	NPd	1,4	41	0,18/0,17	22	0,14/0,17	0,32	PASS
SGG CLIMAPLUS PROTECT SILENCE PLANITHERM ONE F3 66.2S(20 argon)44.2S1		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	NPd	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 88.1S(16 air)88.1 OPALE		NPd	NPd	NPd	NPd	NPd	NPd	NPd	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 1010.1S(16 air)88.1 OPALE		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	20/16/16	NPd	NPd	1,4	34	0,17/0,14	18	0,13/0,15	0,30	PASS
SGG CLIMAPLUS PROTECT 4S 6(20 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPD/P2A	NPd/1B1	6/20/9									

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Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-unghemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 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 45 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 45 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 45 F2 6(8 air)44.15i		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 45 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	NPD/P1A	NPD/1B1	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	NPD/P1A	NPD/1B1	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	NPD/P1A	NPD/1B1	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	NPD/P1A	NPD/1B1	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	NPD/P1A	NPD/1B1	6/15/9	39(-2;-6)	NPd	1,0	59	0,14/0,16	24	0,39/0,33	0,28	PASS
SGG CLIMAPLUS ULTRA N F3 SILENCE 44.2(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	P2A/NPD	1B1/NPD	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 45 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 45 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 33.15i(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)33.15i		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(15 argon)66.25i		NPd	NPd	NPd	NPd	NPd	NPd	NPD/P2A	NPd/1B1	8/15/13	NPd	NPd	1,1	58	0,09/0,10	25	0,07/0,16	0,33	PASS
SGG CLIMAPLUS SILENCE 45 F2 6(10 air)44.15i		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)33.2		NPd	NPd	NPd	NPd	NPd	NPd	NPD/P2A	1C2/1B1	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)66.2		NPd	NPd	NPd	NPd	NPd	NPd	NPD/P2A	1C2/1B1	6/15/13	NPd	NPd							

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																		
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit	
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(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	NPd/P2A	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 MATE		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	NPd	P2A/P2A	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	NPd/P2A	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)44.25i		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	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)44.25i		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	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	NPd	P2A/P2A	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	NPd	P2A/P2A	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)44.15i		NPd	NPd	NPd	NPd	NPd	NPd	NPd	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	NPd/P1A	282/181	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) 33.15i		NPd	NPd	NPd	NPd	NPd	NPd	NPd	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	NPd/BR3-S	NPd	NPd	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	NPd	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	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	NPd	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	NPd	40K/40K	8/12/8	NPd	NPd	1,7	NPd	NPd	NPd	NPd	NPd	PASS	
SGG CLIMAPLUS SECURIT PROTECT COOL-LITE SKN165 II F2 6(14 air)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	40K/40K	1C2/181	200K/40K	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	NPd	P5A/NPD	40K/40K	181/NPD	10/12/4	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	NPd	P2A/NPD	40K/200K	181/1C2	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	NPd	P2A/NPD	40K/200K	181/1C2	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)66.15i DIAMANT		NPd	NPd	NPd	NPd	NPd	NPd	NPd	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)44.15i DIAMANT		NPd	NPd	NPd	NPd	NPd	NPd	NPd	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	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)66.15i DIAMANT		NPd	NPd	NPd	NPd	NPd	NPd	NPd	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	NPd	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)66.1 DIAMANT		NPd	NPd	NPd	NPd	NPd	NPd	NPd	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 DIAMANT		NPd	NPd	NPd	NPd	NPd	NPd	NPd	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	NPd	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)66.15i DIAMANT		NPd	NPd	NPd	NPd	NPd	NPd	NPd	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	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	NPd	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 CLIMAPLUS SAFE COOL-LITE KNT 140 F2 6(10 air)33.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/10/6	NPd	NPd	2,0	36,89	0,23/0,12	22,08	0,24/0,21	0,28	PASS	

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EN 1279-5:2006+A2:2010						Isoliertglas zur Verwendung in Gebäuden und Bauwerken															
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit		
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 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)33.2		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)33.2		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)44.2		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)44.2		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)44.2Si		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)44.2Si		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 PROTECT SILENCE BIOCLEAN F1 COOL-LITE SKN 154 F2 6(12 argon)44.2Si		NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/1B1	40K/40K	6/12/9	39(-1;-5)	NPD	1,2	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(15 argon)44.2Si		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)55.2		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)55.2		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)66.2		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 COOL-LITE SKN 154 F2 6(15 argon)66.2		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)66.2Si		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)66.2Si		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(12 argon)66.2Si		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(15 argon)66.2Si		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)55.2		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)55.2		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	NPD/P6B	1C3/1B1	200K/40K	6/16/15	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		
SGG CLIMAPLUS SAFE ULTRA N F2 4(8 air)44.1 SATINOVNO 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 SATINOVNO 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	NPD/P6B	1C2/1B1	200K/40K	6/8/15	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	NPD/P6B	1C3/1B1	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	NPD/P6B	1C3/1B1	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	0,3				

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
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	181/181	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 PARSOUL 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 PARSOUL 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	NPd	282/282	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/282	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/282	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	282/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/282	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	282/282	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	282/282	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/282	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/282	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	1C2/181	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 SECURIT-H PROTECT ALARM ONE F3 6(16 argon)44.4		NPd	NPd	NPd	NPd	NPd	NPd/P2A	1C2/181	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)88.4		NPd	NPd	NPd	NPd	NPd	NPd/P4A	1C1/181	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	282/282	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	282/282	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 DIAMANT		NPd	NPd	NPd	NPd	NPd	NPd	282/282	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 DIAMANT		NPd	NPd	NPd	NPd	NPd	NPd	NPd/282	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 DIAMANT		NPd	NPd	NPd	NPd	NPd	NPd	NPd/282	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	282/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/282	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	282/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	282/282	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/282	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/181	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/282	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/282	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/282	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/282	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/181	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/181	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	181/181	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	181/181	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/282	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	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)55.1 OPALE		NPd	NPd	NPd	NPd	NPd	NPd/NPd	NPd/282	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	282/282	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	282/282	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	282/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	282/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 5WS 4(16 argon)5		NPd	NPd	NPd	NPd														

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-unghemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 COOL-LITE SKN 074 F2 10(20 argon)44.1Si DIAMANT		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
SGG CLIMAPLUS SILENCE PROTECT COOL-LITE SKN 074 F2 12(20 argon)88.2Si DIAMANT		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 F2 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)6		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)66.4 PLANIDUR		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 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 5 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)/2B2	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)/2B2	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)/2B2	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)/2B2	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 5 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 5 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 5 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

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EN 1279-5:2006+A2:2010						Isoliertglas zur Verwendung in Gebäuden und Bauwerken																			
Wesentliche Merkmale						Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit		
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 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)8 SWS V						NPd	NPd	NPd	NPd	NPd	NPd	P2A/NPD	181/1C2	40K/200K	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	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	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 45 F2 6(20 air)5						NPd	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 45 F2 6(15 air)5						NPd	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	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	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	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	NPd	40K/40K	4/16/4	NPd	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	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	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	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	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	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	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	NPd	NPD/P4A	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	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)44.15i						NPd	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)66.15i						NPd	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 PARSON BRONZE						NPd	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)44.15i						NPd	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)44.15i						NPd	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 45 F2 66.1(12 air)8						NPd	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	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	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	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	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	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	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	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	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	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)64.15i						NPd	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 PARSON GREEN						NPd	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 PARSON GREEN						NPd	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 45 F2 4(8 air)33.1						NPd	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	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 45 F2 4(16 air)4						NPd	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 45 F2 4(12 air)44.1						NPd	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	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	
SGG CLIMAPLUS SAFE ULTRA N F2 44.1(16 air)6						NPd	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	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	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	NPd	40K/40K	4/12/6	NPd	NPd	1,8	NPd	NPd	NPd	NPd	NPd	PASS	
SGG CLIMAPLUS SAFE 45 F2 44.1(16 air)44.1						NPd	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 45 F2 44.1(16 air)33.1						NPd	NPd	NPd	NPd	NPd	NPd	NPd	2B2/2B2	40K/40K	8/16/6	NPd	NPd	1,4	69	0,12/0,					



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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																		
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit	
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 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	NPd	PSA/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	NPd/P2A	NPd/1B1	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 argon)55.2 Si		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P2A	1C2//1B1	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)66.25i		NPd	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	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	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	40K/40K	6/15/6	NPd	NPd	1,1	68,01	0,11/0,12	37,36	0,28/0,31	0,41	PASS	
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	NPd	2B2/NPD	40K/40K	8/12/4	NPd	NPd	1,8	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	NPd/P1A	2B2/1B1	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	NPd/P2A	NPd/1B1	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	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	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	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	NPd/P2A	NPd/1B1	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	32	0,36/0,42	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				

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																		
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit	
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 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	4/14/4	40K/40K	NPd	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 33.15i(10 argon)44.1		NPd	NPd	NPd	NPd	NPd	NPd	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)66.15i		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)33.15i		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	
SGG CLIMAPLUS PROTECT 4S F2 6(12 air)44.4		NPd	NPd	NPd	NPd	NPd	NPd	NPd/P4A	NPd/1B1	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	NPd/P4A	NPd/1B1	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)33.15i		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)33.15i		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 44.15i(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	33(-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	NPd/P1A	NPd/1B1	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)33.15i		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)44.15i		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	NPd/P2A	NPd/1B1	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)33.15i		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	NPd/P2A	2B2/1B1	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	NPd/P2A	NPd/1B1	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)55.15i		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)66.15i		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	NPd/P5A	NPd/1B1	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	NPd/P2A	1C2/1B1	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/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/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)55.15i		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																				



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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 4S F2 4(12 air)33.1 OPALÉ		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 OPALÉ		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 SATINOVÓ 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 SATINOVÓ 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 OPALÉ 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 SATINOVÓ 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 PARSONS 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
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						

<div><div><div><div></div></div></div><div></div></div>		Leistungserklärung Nr.: LE40000000				C.Bergmann KG, Bergmann Platz 1, A-4050 Traun										<div><div><div><div></div></div></div><div></div></div>							
EN 1279-5:2006+A2:2010						Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale						Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 44.25i(24 air)66.25i						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 66.15i(16 argon)44.15i						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 45 F2 66.15i(16 air)55.15i						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 45 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 45 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 45 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 45 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 45 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 45 F2 6(10 air)44.15i						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 45 F2 6(6 air)44.15i						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 45 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 45 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 45 F2 44.1(10 air)33.15i						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)44.45i						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)44.45i						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)64.45i*						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)64.45i*						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 argon)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 44.25i(14 argon)44.25i						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 55.25i(12 argon)44.25i						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 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 55.25i(12 argon)44.25i						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 45 F2 44.1(14 air)44.15i						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 45 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 45 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 45 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)44.25i						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 45 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 45 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									

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 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	4/16/4	40K/40K	30(-1;-3)	NPd	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
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)66.2		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 I2 F2 6(15 argon)66.1Si		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	NPd/2B2	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)66.1		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 argon)44.1		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 ANTELO CLEAR F2 ULTRA N F3 6(12 argon)4																			

		Leistungserklärung Nr.: LE40000000				C.Bergmann KG, Bergmann Platz 1, A-4050 Traun													
EN 1279-5:2006+A2:2010		Isolierglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale	Feuerwiderstand	Brandverhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schneeeinbruch und kurzfristige Lasten	Direkte Luftschalldämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichtre-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit	
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 PLANISTAR SUN F3 44.1(15 air)44.1	NPD	NPD	NPD	NPD	NPD	NPD	282/282	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 45 F2 44.1(10 air)55.1	NPD	NPD	NPD	NPD	NPD	NPD	282/282	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	282/282	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	282/282	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/282	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	282/282	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	282/282	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 argon)44.1	NPD	NPD	NPD	NPD	NPD	NPD	282/282	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 45 F2 6(6 argon)64.25i	NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD/181	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 45 F2 44.1(12 air)88.15i	NPD	NPD	NPD	NPD	NPD	NPD	282/282	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 5 F2 44.1(10 air)44.10PALE	NPD	NPD	NPD	NPD	NPD	NPD	282/282	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	282/282	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)44.15i	NPD	NPD	NPD	NPD	NPD	NPD	282/282	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)66.15i	NPD	NPD	NPD	NPD	NPD	NPD	282/282	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*)j66.1 SentryGlass	NPD	NPD	NPD	NPD	NPD	NPD/P1A	1C2/181	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*)j66.1 SentryGlass	NPD	NPD	NPD	NPD	NPD	NPD/P1A	1C2/181	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	282/282	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	NPD	P2A/NPD	181/1C2	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	1C2/181	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	71,1	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	NPD	P1A/NPD	181/NPD/NPD	40K/40/40K	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	NPD	P1A/NPD	181/NPD/NPD	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
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	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/P2A	NPD/NPD/181	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)66.2	NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	1C2/1C2/181	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(

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																			
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit		
AVCP systems		1	3,4	3,4	1	1	3	3			3	3	3	3	3	3	3	3	3		
SGG CLIMATOP PROTECT N 4(8 krypton)4(8 krypton)44.4		NPd	NPd	NPd	NPd	NPd	NPd/NPD/P4A	NPd/NPD/1B1	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/NPD	NPd/1B1/NPD	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/1C3	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 5 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	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	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 argon)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/NPD/1C3	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/NPD/1B1	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/NPD	1B1/NPD/NPD	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	NPd	1C3/NPD/NPD	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		
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 45 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 45 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 45 BIOCLEAN ULTRA N F5 4(14 argon)4(14 argon)4 ULTRA N		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 45 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	NPd/NPD/P2A	NPd/NPD/1B1	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)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	NPd/NPD/P2A	NPd/NPD/1B1	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 45 BIOCLEAN PROTECT 4(10 argon)4(10 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	NPd/NPD/P2A	NPd/NPD/1B1	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 45 BIOCLEAN PROTECT 4(12 argon)4(12 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	NPd/NPD/P2A	NPd/NPD/1B1	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)44.1Si		NPd	NPd	NPd	NPd	NPd	NPd	NPd	NPd/NPD/P2A	NPd/NPD/1B1	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)44.1Si		NPd	NPd	NPd	NPd	NPd	NPd	NPd	NPd/NPD/P2A	NPd/NPD/1B1	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

	Leistungserklärung Nr.: LE40000000					C.Bergmann KG, Bergmann Platz 1, A-4050 Traun										 C.Bergmann		
EN 1279-5:2006+A2:2010																		
Wesentliche Merkmale	Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schwerk-, dauerhafte und kurzfristige Lasten	Direkte Luftschall- Emissivität (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans- mission	Lichte-reflektion	Energie- transmission	Energie- reflektion	g-Wert	Dauerhaftig-keit
AVCP systems	1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
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	NPD	282/NPD/NPD	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/NPD	181/NPD/NPD	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	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/282	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 44.1S(12 argon)4(12 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	282/NPD/NPD	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
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 F28, F5 4(12 argon)4(12 argon)4	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 F28, F5 4(12 krypton)4(12 krypton)4	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 F28, F5 4(10 krypton)4(10 krypton)4	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 F28, F5 4(8 krypton)4(8 krypton)4	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/1C3	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(10 argon)4(10 argon)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	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/1C3	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)4	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/1C3	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)4	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)4	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 argon)44.2	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 argon)44.2	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 argon)44.2	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 argon)44.2	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)44.2S1	NPD	NPD	NPD	NPD	NPD	NPD	NPD/NPD/181	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 44.2S1(12 argon)4(12 argon)44.2S1	NPD	NPD	NPD	NPD	NPD	NPD	181/NPD/181	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						

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-unghemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-reflektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 S F2 SATINOV0 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 SATINOV0 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 44.15i(8 air/4(12 air/44.15i		NPd	NPd	NPd	NPd	NPd	NPd	NPd	282/NPD/282	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/66.25i		NPd	NPd	NPd	NPd	NPd	NPd/NPD/P2A	NPd/NPD/1B1	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/66.25i		NPd	NPd	NPd	NPd	NPd	NPd/NPD/P2A	NPd/NPD/1B1	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 argon/44.4		NPd	NPd	NPd	NPd	NPd	NPd/NPD/P4A	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 argon/HN113-S		NPd	NPd	NPd	NPd	NPd	NPd/NPD/P4A	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 44.15i(8 air/4(12 air/44.15i		NPd	NPd	NPd	NPd	NPd	NPd	282/NPD/282	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	282/NPD/282	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 argon/6		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/4		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 ULTRA N F5 8(12 argon/6(12 argon/66.2		NPd	NPd	NPd	NPd	NPd	NPd/NPD/P2A	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(10 argon/4(10 argon/44.2		NPd	NPd	NPd	NPd	NPd	NPd/NPD/P2A	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/4(14 argon/6		NPd	NPd	NPd	NPd	NPd	P2A/NPD/NPD	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/6(12 argon/6		NPd	NPd	NPd	NPd	NPd	P2A/NPD/NPD	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 argon/6		NPd	NPd	NPd	NPd	NPd	P2A/NPD/NPD	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 argon/6		NPd	NPd	NPd	NPd	NPd	P2A/NPD/NPD	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/4(12 argon/4		NPd	NPd	NPd	NPd	NPd	P2A/NPD/NPD	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	282/NPD/282	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/NPD	1B1/NPD/282	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/P1A	282/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(12 argon/66.2		NPd	NPd	NPd	NPd	NPd	P2A/NPD/P2A	1B1/NPD/1B1	40K/40K/40 K	13/12/5/12/13	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/282	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/282	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	23/12/14/10/4	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 44.25i(15 argon/4(15 argon/44.25i		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 argon/44.25i		NPd	NPd	NPd	NPd	NPd	NPd/NPD/P2A	NPd/NPD/1B1	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 argon/44.25i		NPd	NPd	NPd	NPd	NPd	NPd/NPD/P2A	NPd/NPD/1B1	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(12 argon) BS 433-NS		NPd	NPd	NPd	NPd	NPd	NPd/NPD/ER	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(12 argon) BS 110-S		NPd	NPd	NPd	NPd	NPd	NPd/NPD/ER	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																			

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EN 1279-5:2006+A2:2010						Isoliertglas zur Verwendung in Gebäuden und Bauwerken															
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit		
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3		
SGG TRISTAR N BIOCLEAR 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 BIOCLEAR 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 BIOCLEAR 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 BIOCLEAR 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		
SGG CLIMAPLUS XN F2 F3 4(12 krypton)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/12/4	NPd	NPd	1,0	82	0,10/0,10	54	0,31/0,31	0,58	PASS		
SGG CLIMATOP LUX F2 F5 4(16 krypton*)4(16 krypton*)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/16/4/16/4	NPd	NPd	0,6	73	0,17/0,17	53	0,20/0,20	0,62	PASS		
SGG CLIMATOP SECURIT LUX F2 F4 SATINOVO MATE 4(18 argon*)4(18 argon*)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/40K	4/18/4/18/4	NPd	NPd	0,6	72	0,17/0,16	52	0,20/0,20	0,61	PASS		
SGG CLIMATOP SECURIT LUX F2 F5 4(18 argon*)4(18 argon*)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	4/18/4/18/4	NPd	NPd	0,6	73	0,17/0,17	53	0,21/0,21	0,61	PASS		
SGG CLIMATOP LUX F3 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	0,8	71	0,16/0,17	49	0,20/0,19	0,61	PASS		
SGG CLIMATOP LUX F3 F5 5(16 argon*)6(15 argon*)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	5/16/6/15/6	NPd	NPd	0,7	71	0,16/0,17	49	0,20/0,19	0,62	PASS		
SGG CLIMAPLUS SECURIT XN II F3 SATINOVO MATE 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	4/16/4	NPd	NPd	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS		
SGG CLIMAPLUS SECURIT XN II F3 SATINOVO MATE 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K	4/16/4	NPd	NPd	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS		
SGG CLIMAPLUS SECURIT XN II F2 XN F3 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K	4/16/4	NPd	NPd	1,1	82	0,10/0,10	54	0,30/0,31	0,58	PASS		
SGG CLIMAPLUS SECURIT XN II F2 F3 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	4/16/4	NPd	NPd	1,1	82	0,10/0,10	54	0,30/0,30	0,59	PASS		
SGG CLIMAPLUS SECURIT XN II F2 SATINOVO MATE 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	4/16/4	NPd	NPd	1,1	81	0,13/0,12	58	0,27/0,24	0,62	PASS		
SGG CLIMAPLUS SECURIT XN II F3 4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	4/14/4	NPd	NPd	1,2	82	0,12/0,13	60	0,28/0,27	0,65	PASS		
SGG CLIMAPLUS SECURIT PROTECT XN F3 4(14 argon)44.4		NPd	NPd	NPd	NPd	NPd	NPd/P4A	NPd	200K/40K	4/14/10	NPd	NPd	1,1	80	0,12/0,12	53	0,27/0,19	0,64	PASS		
SGG CLIMATOP SECURIT SAFE XN F2 SATINOVO MATE XN F5 4(18 argon)4(16 argon)33.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/40K	4/18/4/16/6	NPd	NPd	0,6	73	0,16/0,16	44	0,32/0,27	0,53	PASS		
SGG CLIMATOP SECURIT XN II F2 SATINOVO MATE XN II F5 4(12 argon)4(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	4/12/4/12/4	NPd	NPd	0,7	73	0,16/0,16	47	0,32/0,32	0,54	PASS		
SGG CLIMATOP SECURIT XN F2 SATINOVO MATE XN F5 4(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/40K	4/18/4/18/4	NPd	NPd	0,5	73	0,16/0,16	46	0,32/0,32	0,53	PASS		
SGG CLIMATOP SECURIT XN F2 XN II F4 SATINOVO MATE 4(16 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/40K	4/16/4/16/4	NPd	NPd	0,6	73	0,16/0,15	47	0,33/0,30	0,53	PASS		
SGG CLIMATOP SECURIT XN F2 XN II F4 ARENA C 4(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/40K	4/18/4/18/4	NPd	NPd	0,5	71	0,16/0,15	45	0,33/0,29	0,53	PASS		
SGG CLIMATOP SECURIT XN F2 XN II F4 ARENA C 4(16 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/40K	4/16/4/16/4	NPd	NPd	0,6	71	0,16/0,15	45	0,33/0,29	0,53	PASS		
SGG CLIMATOP SECURIT XN II F2 XN II F5 4(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	4/18/4/18/4	NPd	NPd	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS		
SGG CLIMATOP SECURIT XN II F2 XN F5 4(8 krypton)4(8 krypton)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/40K	4/8/4/8/4	NPd	NPd	0,7	74	0,16/0,16	48	0,33/0,33	0,54	PASS		
SGG CLIMATOP SAFE XN F2 XN F5 22.1(12 argon)3(12 argon)22.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/12/3/12/4	NPd	NPd	0,7	74	0,16/0,16	46	0,29/0,29	0,52	PASS		
SGG CLIMATOP SECURIT LUX F2 LUX II F4 ARENA C 4(12 argon*)4(12 argon*)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/40K	4/12/4/12/4	NPd	NPd	0,8	70	0,17/0,15	51	0,20/0,20	0,61	PASS		
SGG CLIMATOP SECURIT LUX F2 LUX II F4 ARENA C 6(14 argon*)4(16 argon*)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/40K	6/14/4/16/4	NPd	NPd	0,7	69	0,17/0,15	49	0,19/0,20	0,59	PASS		
SGG CLIMATOP XN F2 F5 ARENA C 4(16 argon)4(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/16/4/12/4	NPd	NPd	0,6	70	0,15/0,15	44	0,30/0,32	0,52	PASS		
SGG CLIMATOP XN F2 F5 4(16 argon)4(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/16/4/12/4	NPd	NPd	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS		
SGG CLIMATOP SECURIT XN II F2 XN II F5 6(18 argon)6(18 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/18/6/18/6	NPd	NPd	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS		
SGG CLIMATOP SECURIT LUX F2 LUX II F4 ARENA C 4(18 argon*)4(18 argon*)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/40K	4/18/4/18/4	NPd	NPd	0,6	70	0,17/0,15	51	0,20/0,20	0,61	PASS		
SGG CLIMATOP XN F2 F5 4(14 argon)3(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/14/3/14/4	NPd	NPd	0,6	75	0,16/0,16	48	0,33/0,33	0,54	PASS		
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(12 argon)3(10 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	9/12/3/10/6	NPd	NPd	0,8	79	0,16/0,16	44	0,25/0,31	0,50	PASS		
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	4/14/4/14/4	NPd	NPd	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS		
SGG CLIMALIT 5(16 air)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	5/16/4	NPd	NPd	2,7	81	0,15/0,15	72	0,13/0,13	0,76	PASS		
SGG CLIMAPLUS SECURIT ONE II F3 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	4/16/4	NPd	NPd	1,0	71	0,22/0,23	45	0,37/0,39	0,51	PASS		
SGG CLIMAPLUS ONE F3 6(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/14/6	NPd	NPd	1,1	70	0,22/0,23	42	0,36/0,36	0,49	PASS		
SGG CLIMAPLUS XN F3 5(10 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	5/10/4	NPd	NPd	1,4	82	0,12/0,13	59	0,27/0,27	0,65	PASS		
SGG CLIMALIT 5(16 air)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	5/16/5	NPd	NPd	2,7	81	0,15/0,15	71	0,13/0,13	0,76	PASS		
SGG CLIMALIT 4(10 air)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/10/4	NPd	NPd	2,9	82	0,15/0,15	73	0,13/0,13	0,78	PASS		
SGG CLIMAPLUS ONE F3 8(24 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	8/24/4	NPd	NPd	1,1	70	0,22/0,23	42	0,33/0,39	0,48	PASS		
SGG CL																					

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 XN F2 F3 44.4(18 argon)6		NPd	NPd	NPd	NPd	NPd	P4A/NPD	NPd	40K/40K	10/18/6	NPd	NPd	1,1	79	0,10/0,10	47	0,20/0,29	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(14 argon)6(12 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/14/6/12/6	NPd	NPd	0,7	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 4(12 argon)3(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/12/3/12/4	NPd	NPd	0,7	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMAPLUS PROTECT SECURIT XN F3 6(10 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K	6/10/9	NPd	NPd	1,4	80	0,12/0,12	53	0,26/0,20	0,63	PASS
SGG CLIMAPLUS XN F3 8(20 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	8/20/6	NPd	NPd	1,1	80	0,12/0,13	57	0,24/0,26	0,63	PASS
SGG CLIMALIT 44.1(10 air)44.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	8/10/8	NPd	NPd	2,9	78	0,14/0,14	59	0,11/0,11	0,68	PASS
SGG CLIMAPLUS ONE F3 6(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/18/4	NPd	NPd	1,1	70	0,22/0,23	43	0,36/0,39	0,49	PASS
SGG CLIMAPLUS XN F3 SATINOVO MATE 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/16/4	NPd	NPd	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMAPLUS XN F3 5(10 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	5/10/6	NPd	NPd	1,4	81	0,12/0,13	58	0,27/0,26	0,64	PASS
SGG CLIMAPLUS 3-FACH XN F5 4(16 air)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/16/4/16/4	NPd	NPd	0,9	75	0,18/0,18	54	0,29/0,31	0,60	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(12 argon)4(10 argon)22.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/12/4/10/4	NPd	NPd	0,8	74	0,16/0,16	45	0,28/0,29	0,51	PASS
SGG CLIMALIT SECURIT 6(12 air)6(12 air)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/12/6/12/6	NPd	NPd	1,9	72	0,20/0,20	58	0,16/0,16	0,67	PASS
SGG CLIMAPLUS SAFE XN F3 22.1(18 argon)22.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/18/4	NPd	NPd	1,1	82	0,12/0,13	56	0,24/0,24	0,62	PASS
SGG CLIMAPLUS ONE F3 4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/14/4	NPd	NPd	1,1	71	0,22/0,23	44	0,39/0,39	0,50	PASS
SGG CLIMALIT SECURIT 8(16 air)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	8/16/4	NPd	NPd	2,7	80	0,14/0,15	68	0,12/0,13	0,73	PASS
SGG CLIMALIT 5(6 air)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	5/6/5	NPd	NPd	3,3	81	0,15/0,15	71	0,13/0,13	0,76	PASS
SGG CLIMAPLUS SECURIT XN II F3 5(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	5/18/4	NPd	NPd	1,1	82	0,12/0,13	59	0,27/0,27	0,65	PASS
SGG CLIMAPLUS PROTECT SECURIT XN II F3 44.2(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K	9/16/6	NPd	NPd	1,1	80	0,12/0,12	53	0,21/0,26	0,59	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)4(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	4/14/4/12/4	NPd	NPd	0,7	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMALIT SAFE SECURIT 33.1(6 air)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K	6/6/4	NPd	NPd	3,3	81	0,15/0,15	66	0,12/0,13	0,71	PASS
SGG CLIMAPLUS ONE F3 6(10 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/10/6	NPd	NPd	1,4	70	0,22/0,23	42	0,36/0,36	0,49	PASS
SGG CLIMATOP XN F2 F5 6(10 argon)4(10 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/10/4/10/6	NPd	NPd	0,8	74	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/14/4/16/4	NPd	NPd	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMAPLUS SECURIT XN II F3 6(10 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	6/10/4	NPd	NPd	1,4	81	0,12/0,13	59	0,26/0,27	0,64	PASS
SGG CLIMALIT SECURIT PROTECT 8(10 air)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K	8/10/8	NPd	NPd	2,9	78	0,14/0,14	59	0,12/0,11	0,70	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(10 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	4/10/4	NPd	NPd	1,4	82	0,12/0,13	60	0,28/0,27	0,65	PASS
SGG CLIMAPLUS 3-FACH SECURIT XN II F5 6(6 air)4(8 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	6/6/4/8/6	NPd	NPd	1,4	74	0,18/0,18	52	0,28/0,29	0,58	PASS
SGG CLIMAPLUS SECURIT XN II F3 6(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	6/16/6	NPd	NPd	1,1	81	0,12/0,13	58	0,26/0,26	0,64	PASS
SGG CLIMAPLUS SECURIT PROTECT XN F3 4(12 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K	4/12/9	NPd	NPd	1,3	80	0,12/0,12	54	0,27/0,20	0,64	PASS
SGG CLIMALIT SECURIT 10(14 air)8		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	10/14/8	NPd	NPd	2,7	78	0,14/0,14	62	0,11/0,12	0,69	PASS
SGG CLIMALIT SECURIT 5(12 air)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	5/12/5	NPd	NPd	2,8	81	0,15/0,15	71	0,13/0,13	0,76	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 44.1(14 argon)6(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	8/14/6/14/6	NPd	NPd	0,6	72	0,16/0,16	43	0,26/0,31	0,50	PASS
SGG CLIMAPLUS SECURIT ONE II F3 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	4/16/4	NPd	NPd	1,0	71	0,22/0,23	45	0,37/0,39	0,51	PASS
SGG CLIMAPLUS SAFE SECURIT XN II F3 44.1(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K	8/12/4	NPd	NPd	1,3	81	0,12/0,13	55	0,22/0,27	0,60	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(10 argon)4(10 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	4/10/4/10/4	NPd	NPd	0,8	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F3 6(14 argon)6(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	6/14/6/14/6	NPd	NPd	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/16/4/16/4	NPd	NPd	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(14 argon)6(14 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/14/6/14/9	NPd	NPd	0,6	72	0,16/0,16	43	0,31/0,24	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(14 argon)4(14 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/14/4/14/9	NPd	NPd	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 66.2(12 argon)6(12 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	13/12/6/12/6	NPd	NPd	0,7	71	0,15/0,16	41	0,22/0,31	0,48	PASS
SGG CLIMATOP XN F2 F5 8(12 argon)4(10 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	8/12/4/10/4	NPd	NPd	0,8	74	0,16/0,16	46	0,30/0,33	0,52	PASS
SGG CLIMAPLUS XN F3 8(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	8/14/4	NPd	NPd	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMAPLUS XN F3 6(10 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/10/4	NPd	NPd	1,4	81	0,12,013	59	0,26/0,27	0,64	PASS
SGG CLIMAPLUS PROTECT XN F3 8(14 argon)66.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	8/14/13	NPd	NPd	1,1	78	0,12/0,12	51	0,24/0,18	0,62	PASS
SGG CLIMAPLUS ONE F3 4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/14/4	NPd	NPd	1,1	71	0,22/0,23	44	0,39/0,39	0,50	PASS
SGG CLIMALIT 4(14 air)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/14/4	NPd	NPd	2,8	82	0,15/0,15	73	0,13/0,13	0,78	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)4(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/16/4/16/4	NPd	NPd	0,6	74	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 4(18 argon)SATINOVO MATE 4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/18/4/18/4	NPd	NPd	0,5	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/16/4/16/4	NPd	NPd	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 6(14 argon)6(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/14/6/16/6	NPd	NPd	0,6	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 8(14 argon)4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NP												

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMALIT SECURIT SAFE 4(6 air)33.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K	4/6/6	NPd	NPd	3,3	81	0,15/0,15	66	0,13/0,12	0,75	PASS
SGG CLIMALIT 4(14air)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/14/4	NPd	NPd	2,8	82	0,15/0,15	73	0,13/0,13	0,78	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(12 argon)4(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	4/12/4/12/4	NPd	NPd	0,7	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	4/16/6	NPd	NPd	1,1	81	0,12/0,13	59	0,28/0,26	0,65	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(19 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	4/19/4	NPd	NPd	1,1	82	0,12/0,13	60	0,28/0,27	0,65	PASS
SGG CLIMAPLUS XN F3 4(15 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/15/4	NPd	NPd	1,1	82	0,12/0,13	60	0,27/0,27	0,65	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(14 argon)4(14 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/40K	4/14/4/14/9	NPd	NPd	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP XN F2 F5 4(22 argon)4(22 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/22/4/22/4	NPd	NPd	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMALIT 6(24 air)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/24/6	NPd	NPd	2,7	80	0,15/0,15	68	0,13/0,13	0,75	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(18 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	4/18/6	NPd	NPd	1,1	81	0,12/0,13	59	0,28/0,26	0,65	PASS
SGG CLIMAPLUS SECURIT XN II F3 5(12 argon)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	5/12/5	NPd	NPd	1,3	81	0,12/0,13	59	0,27/0,26	0,64	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	4/14/4/14/4	NPd	NPd	0,6	73	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/14/4/16/4	NPd	NPd	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/14/4/14/4	NPd	NPd	0,6	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP XN 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	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(12 argon)3(12 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/12/3/12/6	NPd	NPd	0,7	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)3(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/14/3/14/4	NPd	NPd	0,6	74	0,16/0,16	48	0,33/0,31	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/18/4/18/4	NPd	NPd	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	4/16/4/16/4	NPd	NPd	0,6	74	0,14/0,14	48	0,32/0,32	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/200K	9/14/4/14/4	NPd	NPd	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)SATINOVO MATE 6(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/14/6/12/4	NPd	NPd	0,7	72	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 6(14 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/14/4/16/4	NPd	NPd	0,6	74	0,16/0,16	47	0,31/0,33	0,53	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/18/4/18/4	NPd	NPd	0,5	74	0,16/0,16	47	0,31/0,33	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/18/4/18/4	NPd	NPd	0,5	74	0,16/0,16	48	0,31/0,33	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)6(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	9/18/6/16/6	NPd	NPd	0,5	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)6(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/200K	9/18/6/16/6	NPd	NPd	0,5	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/200K	9/14/6/14/6	NPd	NPd	0,6	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/200K	9/14/6/14/4	NPd	NPd	0,6	73	0,16/0,16	43	0,25/0,32	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	9/16/4/18/4	NPd	NPd	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 F5 6(16 argon)44.4(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/16/10/16/6	NPd	NPd	0,6	72	0,16/0,16	41	0,29/0,29	0,51	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(18 argon)6(18 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	6/18/6/18/6	NPd	NPd	0,5	73	0,16/0,16	44	0,28/0,31	0,51	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(18 argon)6(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	8/18/6/16/6	NPd	NPd	0,5	73	0,16/0,16	45	0,29/0,31	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(18 argon)6(16 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/18/6/16/9	NPd	NPd	0,5	72	0,16/0,16	43	0,31/0,24	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(16 argon)44.4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/16/10/14/4	NPd	NPd	0,6	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(18 argon)4(16 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/18/4/16/9	NPd	NPd	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/14/4/14/4	NPd	NPd	0,6	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	9/16/4/18/4	NPd	NPd	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)5(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/16/5/14/6	NPd	NPd	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/18/4/18/4	NPd	NPd	0,5	74	0,16/0,16	47	0,31/0,33	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)6(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	6/16/6/14/6	NPd	NPd	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 5(14 argon)6(14 argon)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	5/14/6/14/5	NPd	NPd	0,6	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMAPLUS XN F3 SATINOVO MATE 4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/18/4	NPd	NPd	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMAPLUS XN F3 8(20 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	8/20/4	NPd	NPd	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS
SGG CLIMATOP XN F2 F5 5(18 argon)6(16 argon)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	5/18/6/16/5	NPd	NPd	0,6	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(18 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	6/18/4/16/4	NPd	NPd	0,6	74	0,16/0,16	45	0,28/0,33	0,51	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)4(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/16/4/16/6	NPd	NPd	0,6	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)6(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/18/6/16/4	NPd	NPd	0,6	74	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(14 argon)4(16 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/40K	6/14/4/16/9	NPd	NPd	0,6	73	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG																			

<div><div><div><div></div></div></div><div></div></div>		Leistungserklärung Nr.: LE40000000				C.Bergmann KG, Bergmann Platz 1, A-4050 Traun										<div><div><div><div></div></div></div><div></div></div>			
EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 XN II F2 F5 6(12 argon)3(12 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/12/3/12/6	NPd	NPd	0,7	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 4(18 argon)3(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/18/3/18/4	NPd	NPd	0,5	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP XN II F2 F5 6(18 argon)6(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/18/16/16/6	NPd	NPd	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(16 argon)4(14 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/40K	6/16/4/14/9	NPd	NPd	0,6	73	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	9/18/4/16/4	NPd	NPd	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)SATINOVO MATE 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/16/4/16/4	NPd	NPd	0,6	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 4(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/18/4/18/4	NPd	NPd	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(16 argon)4(16 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/40K	4/16/4/16/9	NPd	NPd	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)6(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/16/6/16/6	NPd	NPd	0,6	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 5(16 argon)6(18 argon)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	5/16/6/18/5	NPd	NPd	0,6	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 4(18 argon)6(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/18/6/18/4	NPd	NPd	0,5	74	0,16/0,16	47	0,33/0,33	0,54	PASS
SGG CLIMATOP XN 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	0,6	74	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)3(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	9/18/3/18/4	NPd	NPd	0,5	73	0,16/0,16	44	0,25/0,33	0,50	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)3(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/18/3/18/4	NPd	NPd	0,5	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(18 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	9/18/4/16/4	NPd	NPd	0,6	73	0,16/0,16	44	0,25/0,33	0,50	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/18/4/18/4	NPd	NPd	0,5	74	0,16/0,16	47	0,31/0,33	0,53	PASS
SGG CLIMATOP XN 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	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 6(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	6/18/4/18/4	NPd	NPd	0,5	74	0,16/0,16	47	0,31/0,33	0,53	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)ARENA CLEAR 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/16/4/16/4	NPd	NPd	0,6	71	0,15/0,15	45	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 8(14 argon)4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	8/14/4/14/4	NPd	NPd	0,6	74	0,16/0,16	46	0,30/0,33	0,52	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 8(14 argon)4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/200K	8/14/4/14/4	NPd	NPd	0,6	74	0,16/0,16	46	0,30/0,33	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(12 argon)6(10 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	6/12/6/10/6	NPd	NPd	0,8	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 4(14 argon)3(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/14/3/14/4	NPd	NPd	0,6	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 5(12 argon)5(12 argon)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	5/12/5/12/5	NPd	NPd	0,7	74	0,16/0,16	47	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)3(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/14/3/14/4	NPd	NPd	0,6	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(12 argon)6(10 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/12/6/10/6	NPd	NPd	0,8	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMAPLUS SECURIT XN F3 4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K	4/18/4	NPd	NPd	1,1	82	0,12/0,13	60	0,27/0,27	0,65	PASS
SGG CLIMATOP XN 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	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)SATINOVO MATE 6(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/16/6/14/6	NPd	NPd	0,6	71	0,16/0,16	44	0,30/0,30	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)SATINOVO MATE 6(18 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/18/6/18/6	NPd	NPd	0,5	71	0,16/0,16	44	0,30/0,30	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)6(18 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/18/6/18/6	NPd	NPd	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMAPLUS SECURIT XN II F3 6(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	6/14/6	NPd	NPd	1,1	81	0,12/0,13	58	0,26/0,26	0,64	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(12 argon)SATINOVO MATE 4(12 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	6/12/4/12/6	NPd	NPd	0,7	72	0,16/0,16	43	0,27/0,30	0,51	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(12 argon)4(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/200K	9/12/4/12/4	NPd	NPd	0,7	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMAPLUS XN F3 5(16 argon)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	5/16/5	NPd	NPd	1,1	81	0,12/0,13	59	0,27/0,26	0,65	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(16 argon)44.4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/16/10/14/4	NPd	NPd	0,6	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 F5 4(16 argon)44.4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/16/10/14/4	NPd	NPd	0,6	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP SAFE XN F2 F5 44.1(10 krypton)3(10 krypton)44.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	8/10/3/10/8	NPd	NPd	0,6	72	0,16/0,16	43	0,26/0,26	0,50	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 4(18 argon)44.2(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	4/18/9/16/4	NPd	NPd	0,6	73	0,16/0,16	44	0,31/0,31	0,52	PASS
SGG CLIMAPLUS XN F3 8(18 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	8/18/6	NPd	NPd	1,1	80	0,12/0,13	57	0,24/0,26	0,63	PASS
SGG CLIMAPLUS PROTECT SECURIT XN II F3 44.2(18 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K	9/18/6	NPd	NPd	1,1	80	0,12/0,12	53	0,21/0,26	0,59	PASS
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 6(18 argon)6(18 argon)33.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/40K	6/18/6/18/6	NPd	NPd	0,5	73	0,16/0,16	44	0,31/0,27	0,53	PASS
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 4(16 argon)4(14 argon)33.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/40K	4/16/4/14/6	NPd	NPd	0,6	74	0,16/0,16	45	0,33/0,28	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)6(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/200K	9/18/6/16/6	NPd	NPd	0,5	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(18 argon)44.4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/18/10/18/4	NPd	NPd	0,5	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)5(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	9/16/5/14/6	NPd	NPd	0,6	72	0,16/0,16	43	0,25/0,31	0,49	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)ALTEDEUTSCH CLEAR 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/16/4/16/4	NPd	NPd	0,6	72	0,16/0,16	45	0,32/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 6(18 argon)SATINOVO MATE 4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/18/									

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																			
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit		
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3			
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 44.1(14 argon)4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/200K	8/14/4/14/4	NPd	NPd	0,6	73	0,16/0,16	45	0,26/0,33	0,50	PASS		
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	6/18/4/18/4	NPd	NPd	0,5	74	0,16/0,16	48	0,31/0,33	0,53	PASS		
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	9/14/4/14/4	NPd	NPd	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS		
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(12 argon)SATINOVO MATE 4(12 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/40K	4/12/4/12/9	NPd	NPd	0,7	72	0,16/0,15	43	0,32/0,24	0,53	PASS		
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)6(18 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/18/6/18/6	NPd	NPd	0,5	73	0,16/0,16	46	0,31/0,31	0,53	PASS		
SGG CLIMATOP SECURIT XN II F2 F5 6(10 argon)6(12 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/10/6/12/6	NPd	NPd	0,8	73	0,16/0,16	46	0,31/0,31	0,53	PASS		
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(12 argon)SATINOVO MATE 4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/200K	6/12/4/14/4	NPd	NPd	0,7	73	0,16/0,16	44	0,27/0,32	0,50	PASS		
SGG CLIMATOP SECURIT PROTECT XN II F2 F5 4(16 argon)44.2(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/16/9/18/4	NPd	NPd	0,6	73	0,16/0,16	44	0,31/0,31	0,52	PASS		
SGG CLIMATOP SAFE XN F2 F5 4(18 argon)4(16 argon)33.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/18/4/16/6	NPd	NPd	0,6	74	0,16/0,16	46	0,33/0,28	0,54	PASS		
SGG CLIMATOP PROTECT XN F2 F5 6(14 argon)6(14 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/14/6/14/9	NPd	NPd	0,6	72	0,16/0,16	43	0,31/0,24	0,53	PASS		
SGG CLIMATOP XN F2 F5 8(12 argon)3(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	8/12/3/12/4	NPd	NPd	0,7	74	0,16/0,16	47	0,30/0,33	0,52	PASS		
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)6(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/200K	9/16/6/16/6	NPd	NPd	0,6	72	0,16/0,16	43	0,24/0,31	0,49	PASS		
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(18 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K/200K	9/18/4/16/4	NPd	NPd	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS		
SGG CLIMATOP SECURIT XN II F2 F5 8(16 argon)6(14 argon)8		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	8/16/6/14/8	NPd	NPd	0,6	72	0,16/0,16	44	0,29/0,29	0,52	PASS		
SGG CLIMATOP XN F2 F5 6(18 argon)SATINOVO MATE 4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/18/4/18/4	NPd	NPd	0,5	73	0,16/0,16	46	0,30/0,32	0,53	PASS		
SGG CLIMATOP SAFE XN F2 F5 33.1(16 argon)3(16 argon)33.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/16/3/16/6	NPd	NPd	0,6	73	0,16/0,16	45	0,28/0,28	0,51	PASS		
SGG CLIMATOP XN F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/14/4/14/9	NPd	NPd	0,6	72	0,16/0,15	43	0,32/0,24	0,53	PASS		
SGG CLIMATOP PROTECT XN F2 F5 5(18 argon)44.4(16 argon)5		NPd	NPd	NPd	NPd	NPd	NPd/P4A/	NPd	40K/40K/40K	5/18/10/16/5	NPd	NPd	0,5	72	0,16/0,16	42	0,30/0,30	0,52	PASS		
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(18 argon)4(16 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/40K	4/18/4/16/9	NPd	NPd	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS		
SGG CLIMATOP PROTECT XN F2 F5 6(16 argon)44.4(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40	6/16/10/16/6	NPd	NPd	0,6	72	0,16/0,16	41	0,29/0,29	0,51	PASS		
SGG CLIMATOP PROTECT XN F2 F5 4(14 argon)44.4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/14/10/16/4	NPd	NPd	0,6	73	0,16/0,16	43	0,31/0,31	0,52	PASS		
SGG CLIMATOP PROTECT XN F2 F5 5(14 argon)44.4(14 argon)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	5/14/10/14/5	NPd	NPd	0,6	72	0,16/0,16	42	0,30/0,30	0,52	PASS		
SGG CLIMATOP PROTECT XN F2 F5 6(16 argon)44.4(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/16/10/16/6	NPd	NPd	0,5	72	0,16/0,16	41	0,29/0,29	0,51	PASS		
SGG CLIMATOP XN F2 F5 4(16 argon)SATINOVO MATE 6(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/16/6/14/4	NPd	NPd	0,6	72	0,16/0,16	45	0,32/0,32	0,53	PASS		
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 4(18 argon)3(16 argon)33.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/40K	4/18/3/16/6	NPd	NPd	0,6	74	0,16/0,16	46	0,33/0,28	0,54	PASS		
SGG CLIMATOP LUX F2 F5 4(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/18/4/18/4	NPd	NPd	0,6	73	0,17/0,17	54	0,22/0,22	0,62	PASS		
SGG CLIMATOP SECURIT XN F2 XN II F5 4(18 argon)3(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	4/18/3/18/4	NPd	NPd	0,5	75	0,16/0,16	49	0,33/0,33	0,54	PASS		
SGG CLIMATOP SECURIT LUX II F2 F5 4(18 argon)4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/18/4/18/4	NPd	NPd	0,6	73	0,17/0,17	54	0,22/0,22	0,62	PASS		
SGG CLIMAPLUS SECURIT XN II F3 SATINOVO MATE 4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	4/18/4	NPd	NPd	1,1	81	0,12/0,13	58	0,24/0,27	0,63	PASS		
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(12 argon)3(10 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	9/12/3/10/6	NPd	NPd	0,8	73	0,16/0,16	44	0,25/0,31	0,50	PASS		
SGG CLIMATOP XN F2 F5 5(18 argon)SATINOVO MATE 6(18 argon)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	5/18/6/18/5	NPd	NPd	0,5	72	0,16/0,16	45	0,31/0,31	0,53	PASS		
SGG CLIMAPLUS XN F3 SATINOVO MATE 4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	4/18/4	NPd	NPd	1,1	81	0,12/2,13	58	0,24/0,27	0,63	PASS		
SGG CLIMATOP XN F2 F5 6(18 argon) SATINOVO MATE 6(18 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/18/6/18/6	NPd	NPd	0,5	71	0,16/0,16	44	0,30/0,30	0,52	PASS		
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(12 argon)3(12 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/40K	4/12/3/12/9	NPd	NPd	0,7	73	0,16/0,16	44	0,33/0,25	0,54	PASS		
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/18/4/16/4	NPd	NPd	0,6	74	0,16/0,16	48	0,31/0,33	0,53	PASS		
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(10 argon)6(10 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	9/10/6/10/6	NPd	NPd	0,8	72	0,16/0,16	43	0,24/0,31	0,49	PASS		
SGG CLIMATOP PROTECT XN F2 F5 44.2(18 argon)6(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	9/18/6/16/6	NPd	NPd	0,5	72	0,16/0,16	43	0,24/0,31	0,49	PASS		
SGG CLIMATOP XN F2 F5 8(14 argon)3(14 argon)8		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	8/14/3/14/8	NPd	NPd	0,6	73	0,16/0,16	45	0,30/0,30	0,52	PASS		
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon) SATINOVO MATE 6(18 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/18/6/18/6	NPd	NPd	0,5	71	0,16/0,16	44	0,30/0,30	0,52	PASS		
SGG CLIMAPLUS SECURIT XN II F3 4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/200K	4/18/4	NPd	NPd	1,1	82	0,12/0,13	60	0,28/0,27	0,65	PASS		
SGG CLIMATOP SECURIT XN II F2 F5 6(14 argon)5(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/14/5/16/6	NPd	NPd	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS		
SGG CLIMATOP PROTECT XN F2 F5 44.2(12 argon)3(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	9/12/3/12/4	NPd	NPd	0,7	73	0,16/0,16	45	0,25/0,33	0,50	PASS		
SGG CLIMATOP XN F2 F5 4(18 argon)3(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/18/3/18/4	NPd	NPd	0,5	75	0,16/0,16	48	0,33/0,33	0,54	PASS		
SGG CLIMATOP SECURIT PROTECT X N II F2 XN F5 6(18 argon)SATINOVO MATE 6(16 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/40K	6/18/6/16/9	NPd	NPd	0,5	71	0,15/0,15	41	0,30/0,24	0,52	PASS		
SGG CLIMATOP PROTECT XN F2 F5 5(16 argon)5(16 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	5/16/5/16/9	NPd	NPd	0,6	73	0,16/0,16	43	0,32/0,25	0,53	PASS		
SGG CLIMAPLUS SECURIT XN II F3 6(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K	6/16/4	NPd	NPd	1,1	81	0,12/0,13	59	0,26/0,27	0,64	PASS		
SGG CLIMATOP SECURIT XN II F2 F5 4(14 argon)6(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/14											

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMAPLUS XN F3 ALTDEUTSCH CLEAR 4(18 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/18/4	NPD	NPD	1,1	79	0,12/0,12	57	0,25/0,27	0,62	PASS
SGG CLIMATOP XN F2 F5 5(16 argon)6(18 argon)5		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/6/18/5	NPD	NPD	0,6	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)5(14 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/16/5/14/4	NPD	NPD	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 6(14 argon)6(12 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/6/12/6	NPD	NPD	0,7	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN 2 F5 4(18 argon) 44.4 (18 argon) 4		NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/200K	4/18/10/18/4	NPD	NPD	0,5	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN 2 F5 6(16 argon) 44.4 (16 argon) 6		NPD	NPD	NPD	NPD	NPD	NPD/P4A/NPD	NPD	40K/40K/200K	6/16/10/16/6	NPD	NPD	0,6	72	0,16/0,16	41	0,29/0,29	0,51	PASS
SGG CLIMAPLUS XN F3 5(16 argon)5		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	5/16/5	NPD	NPD	1,1	81	0,12/0,13	59	0,27/0,26	0,65	PASS
SGG CLIMATOP XN F2 XN F5 4(14 argon) 3 (14 argon) 4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/3/14/4	NPD	NPD	0,6	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 XN II F5 4(14 argon) 3 (14 argon) 4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/3/14/4	NPD	NPD	0,6	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6 (16 argon) 6 (18 argon) 44.2		NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	6/16/6/18/9	NPD	NPD	0,5	72	0,16/0,16	43	0,31/0,24	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)6(16 argon)8		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/16/6/16/8	NPD	NPD	0,6	72	0,16/0,16	42	0,24/0,29	0,49	PASS
SGG CLIMATOP XN F2 XN F5 6(16 argon)SATINOVO MATE 4(16 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,6	72	0,16/0,16	45	0,30/0,30	0,53	PASS
SGG CLIMATOP XN F2 XN F5 5(16 argon)SATINOVO MATE 6(16 argon)5		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/6/16/5	NPD	NPD	0,6	72	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP LUX F2 LUX F5 4(16 argon)6(18 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/16/6/18/4	NPD	NPD	0,6	73	0,17/0,17	53	0,22/0,22	0,61	PASS
SGG CLIMATOP XN F2 XN F5 6(16 argon)SATINOVO MATE 6(14 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/6/14/6	NPD	NPD	0,6	71	0,16/0,16	44	0,30/0,30	0,52	PASS
SGG CLIMATOP XN F2 XN F5 6(20 argon)6(20 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/20/6/20/6	NPD	NPD	0,5	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 XN F5 33.1(16 argon)4(16 argon)33.1		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,6	73	0,16/0,16	44	0,28/0,28	0,51	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 F5 4(14 argon)44.4(14 argon)6		NPD	NPD	NPD	NPD	NPD	NPD/P2A/NPD	NPD	200K/40K/200K	4/14/9/14/6	NPD	NPD	0,6	72	0,16/0,16	42	0,31/0,29	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 33.1(14 argon)3(12 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/3/12/4	NPD	NPD	0,7	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)6(18 argon)6		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/16/6/18/6	NPD	NPD	0,5	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP LUX 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	0,6	72	0,17/0,17	51	0,21/0,21	0,6	PASS
SGG CLIMATOP LUX F2 F5 6(20 argon)6(20 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/20/6/20/6	NPD	NPD	0,6	72	0,17/0,17	51	0,21/0,21	0,6	PASS
SGG CLIMATOP SECURIT XN II F3 6(14 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/14/6	NPD	NPD	1,1	81	0,12/0,13	58	0,26/0,26	0,64	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(12 argon)3(12 argon)33.1		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/12/3/12/6	NPD	NPD	0,7	73	0,16/0,16	45	0,28/0,28	0,51	PASS
SGG CLIMATOP SAFE XN F2 F5 4(14 argon)3(12 argon)33.1		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	4/14/3/12/6	NPD	NPD	0,7	74	0,16/0,16	46	0,33/0,28	0,54	PASS
SGG CLIMAPLUS SECURIT XN II F2 6(20 argon) SATINOVO MATE 6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K	6/20/6	NPD	NPD	1,1	79	0,12/0,12	56	0,26/0,23	0,61	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(16 argon)SATINOVO MATE 4(14 argon)44.2		NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	6/16/4/14/9	NPD	NPD	0,6	71	0,16/0,15	42	0,30/0,24	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)SATINOVO MATE 4(18 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)6(14 argon)8		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/200K/200K	9/16/6/14/8	NPD	NPD	0,6	72	0,16/0,16	42	0,24/0,29	0,49	PASS
SGG CLIMATOP XN F2 F5 5(16 argon)5(16 argon)5		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/5/16/5	NPD	NPD	0,6	74	0,16/0,16	47	0,32/0,32	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 5(16 argon)5(14 argon)44.2		NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	40K/40K/40K	5/16/5/14/9	NPD	NPD	0,6	73	0,16/0,16	43	0,32/0,25	0,53	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(14 argon)5(14 argon)44.2		NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	6/14/5/14/9	NPD	NPD	0,6	72	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG CLIMATOP XN F2 F5 6(20 argon)6(20 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/20/6/20/6	NPD	NPD	0,5	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT LUX F2 F5 4(16 argon)6(14 argon)44.2		NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	40K/40K/40K	4/16/6/14/8	NPD	NPD	0,7	71	0,17/0,16	49	0,22/0,17	0,61	PASS
SGG CLIMATOP SECURIT LUX II F2 F5 6(18 argon)6(18 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/18/6/18/6	NPD	NPD	0,6	72	0,17/0,17	51	0,21/0,21	0,6	PASS
SGG CLIMAPLUS PROTECT SECURIT XN II F3 44.2(20 argon)4		NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/200K	9/20/4	NPD	NPD	1,1	80	0,12/0,13	54	0,21/0,27	0,59	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(16 argon)5(14 argon)44.2		NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	6/16/5/14/9	NPD	NPD	0,6	72	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG CLIMAPLUS XN F3 4(20 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	4/20/4	NPD	NPD	1,1	82	0,12/0,13	60	0,27/0,27	0,65	PASS
SGG CLIMAPLUS XN F3 4(16 argon)44.2		NPD	NPD	NPD	NPD	NPD	NPD/P2A	NPD	40K/40K	4/16/9	NPD	NPD	1,1	80	0,12/0,12	54	0,27/0,27	0,65	PASS
SGG CLIMAPLUS XN F2 4(14 argon) 44.4		NPD	NPD	NPD	NPD	NPD	NPD/P4A	NPD	200K/40K	4/14/10	NPD	NPD	1,1	80	0,13/0,12	53	0,27/0,19	0,62	PASS
SGG CLIMAPLUS SECURIT XN II F3 4(20 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	4/20/4	NPD	NPD	1,1	82	0,12/0,13	60	0,28/0,28	0,65	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(16 argon)SATINOVO MATE 4(16 argon)33.1		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,6	72	0,16/0,16	43	0,27/0,27	0,51	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(14 argon)6		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/6/14/6	NPD	NPD	0,6	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(20 argon)6(20 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/20/6/20/6	NPD	NPD	0,5	73	0,16/0,16	44	0,27/0,31	0,51	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(18 argon)6(18 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/18/6/16/6	NPD	NPD	0,5	73	0,16/0,16	44	0,27/0,31	0,51	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)SATINOVO MATE 6(14 argon)6		NPD	NPD	NPD	NPD	NPD	P4A/NPD/NPD	NPD	40K/40K/200K	9/14/6/14/6	NPD	NPD	0,6	71	0,15/0,15	41	0,24/0,30	0,49	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(12 argon)6(12 argon)55.2		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/40K	6/14/6/12/11	NPD	NPD	0,7	72	0,16/0,15	42	0,31/0,23	0,53	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(16 argon)SATINOVO MATE 4(16 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,6	72	0,16/0,16	43	0,27/0,30	0,51	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(16 argon)4(16 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/4/16/6	NPD	NPD	0,6	73	0,16/0,16	45	0,28/0,31	0,51	PASS
SGG CLIMATOP XN F2 F5 8(16 argon)4(16 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/16/4/16									

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
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 PROTECT XN II F2 XN F5 6(14 argon)6(14 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd/NPd/P2A	NPd	200K/200K/40K	6/14/6/14/9	NPd	NPd	0,6	72	0,16/0,16	43	0,31/0,24	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 4(18 argon) SATINOVO MATE 4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	4/18/4/18/4	NPd	NPd	0,5	73	0,16/0,16	47	0,32/0,32	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 8(14 argon)4(14 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd/NPd/P2A	NPd	40K/40K/40K	8/14/4/14/9	NPd	NPd	0,6	72	0,16/0,16	43	0,29/0,25	0,52	PASS
SGG CLIMATOP SAFE XN F3 F5 33.1(14 argon)3(12 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/14/3/12/6	NPd	NPd	0,7	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(18 argon) SATINOVO MATE 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/18/4/16/4	NPd	NPd	0,6	73	0,16/0,16	44	0,27/0,32	0,51	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)6(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/16/6/16/6	NPd	NPd	0,6	73	0,16/0,16	45	0,31/0,31	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(12 argon) SATINOVO MATE 4(12 argon)4		NPd	NPd	NPd	NPd	NPd	P4A/NPd/NPd	NPd	40K/40K/40K	9/12/4/12/4	NPd	NPd	0,7	72	0,15/0,16	43	0,24/0,32	0,49	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(18 argon)4(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/18/4/16/4	NPd	NPd	0,6	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP XN F2 F5 5(14 argon)5(14 argon)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	5/14/5/14/5	NPd	NPd	0,6	74	0,16/0,16	47	0,32/0,32	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(18 argon) SATINOVO MATE 4(18 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/18/4/18/4	NPd	NPd	0,5	73	0,16/0,16	46	0,30/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 4(14 argon) SATINOVO MATE 4(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/14/4/14	NPd	NPd	0,6	73	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(12 argon) SATINOVO MATE 6(10 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	6/12/6/10/6	NPd	NPd	0,8	71	0,15/0,16	46	0,47/0,27	0,50	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(12 argon)44.4(10 argon)4		NPd	NPd	NPd	NPd	NPd	NPd/P4A/NPd	NPd	40K/40K/40K	4/12/9/4/10/4	NPd	NPd	0,8	73	0,16/0,16	43	0,31/0,31	0,52	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 8(18 argon)4(18 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	8/18/4/18/6	NPd	NPd	0,5	73	0,16/0,16	46	0,29/0,31	0,52	PASS
SGG CLIMAPLUS XN F2 F3 4(18 argon)44.4		NPd	NPd	NPd	NPd	NPd	NPd/P4A	NPd	40K/40K	4/18/9	NPd	NPd	1,1	80	0,10/0,10	48	0,30/0,20	0,58	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)3(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/16/3/166	NPd	NPd	0,6	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 6(16 argon)5(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/16/5/14/6	NPd	NPd	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SAFE XN F2 XN II F5 33.1(18 argon)3(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	6/18/3/16/4	NPd	NPd	0,6	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)3(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/16/3/16/4	NPd	NPd	0,6	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(18 argon)6(18 argon)44.4		NPd	NPd	NPd	NPd	NPd	NPd/NPd/P4A	NPd	40K/40K/40K	6/18/6/18/10	NPd	NPd	0,5	72	0,16/0,15	42	0,31/0,22	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)3(16 argon)4		NPd	NPd	NPd	NPd	NPd	P4A/NPd/NPd	NPd	40K/40K/200K	9/16/3/16/4	NPd	NPd	0,6	73	0,16/0,16	44	0,25/0,33	0,5	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)5(12 argon)8		NPd	NPd	NPd	NPd	NPd	P4A/NPd/NPd	NPd	40K/40K/200K	9/14/5/12/8	NPd	NPd	0,7	72	0,16/0,16	42	0,25/0,29	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)3(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/16/3/16/4	NPd	NPd	0,6	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP XN F2 F5 4(16 argon)3(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/16/3/16/4	NPd	NPd	0,6	75	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(14 argon)4(12 argon)44.4		NPd	NPd	NPd	NPd	NPd	NPd/NPd/P4A	NPd	40K/40K/40K	4/14/4/12/10	NPd	NPd	0,7	73	0,16/0,16	43	0,33/0,23	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(12 argon) SATINOVO MATE 4(12 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd/NPd/P2A	NPd	40K/40K/40K	4/12/4/12/9	NPd	NPd	0,7	72	0,16/0,15	43	0,32/0,24	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(16 argon)6(14 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/200K/200K	4/16/6/14/4	NPd	NPd	0,6	74	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMAPLUS SAFE XN F2 F3 33.1(16 argon) SATINOVO MATE 4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K	6/16/4	NPd	NPd	1,1	80	0,12/0,12	54	0,22/0,24	0,58	PASS
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 6(12 argon)3(10 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd/NPd/P2A	NPd	200K/40K/40K	6/12/3/10/9	NPd	NPd	0,8	73	0,16/0,16	44	0,31/0,25	0,53	PASS
SGG CLIMATOP PROTECT SAFE XN F2 XN II F5 44.2(18 argon) SATINOVO MATE 4(16 argon)4		NPd	NPd	NPd	NPd	NPd	P2A/NPd/NPd	NPd	40K/40K/200K	9/18/4/16/4	NPd	NPd	0,6	72	0,15/0,16	43	0,24/0,32	0,49	PASS
SGG CLIMATOP PROTECT SAFE XN F2 XN II F5 44.2(10 argon)6(10 argon)6		NPd	NPd	NPd	NPd	NPd	P2A/NPd/NPd	NPd	40K/40K/200K	9/10/6/10/6	NPd	NPd	0,8	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(12 argon)4(12 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd/NPd/P2A	NPd	200K/200K/40K	4/12/4/12/9	NPd	NPd	0,7	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(14 argon)3(14 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/14/3/14/6	NPd	NPd	0,6	74	0,16/0,16	48	0,33/0,31	0,54	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 8(16 argon)6(16 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd/NPd/P2A	NPd	200K/200K/40K	8/16/6/16/9	NPd	NPd	0,6	72	0,16/0,16	42	0,29/0,24	0,52	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 8(18 argon)6(18 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd/NPd/P2A	NPd	200K/200K/40K	8/18/6/18/9	NPd	NPd	0,5	72	0,16/0,16	42	0,29/0,24	0,52	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 6(16 argon)3(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	6/16/3/16/6	NPd	NPd	0,6	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN F2 XN II F5 4(18 argon)3(16 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/200K	4/18/3/16/6	NPd	NPd	0,6	74	0,16/0,16	48	0,33/0,31	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(12 argon)8		NPd	NPd	NPd	NPd	NPd	P2A/NPd/NPd	NPd	40K/200K/200K	9/14/6/12/8	NPd	NPd	0,7	72	0,16/0,16	42	0,24/0,29	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)5(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/18/5/16/4	NPd	NPd	0,6	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(20 argon)6(20 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	4/20/6/20/4	NPd	NPd	0,5	74	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP XN F2 F5 5(18 argon)6(20 argon)5		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	5/18/6/20/5	NPd	NPd	0,5	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP XN F2 F5 4(20 argon)6(20 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	4/20/6/20/4	NPd	NPd	0,5	74	0,16/0,16	47	0,33/0,33	0,54	PASS
SGG CLIMATOP XN II F2 F5 6(14 argon)5(12 argon)6		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/200K	6/14/5/12/6	NPd	NPd	0,7	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 4(16 argon)3(16 argon)44.2		NPd	NPd	NPd	NPd	NPd	NPd/NPd/P2A	NPd	200K/40K/40K	4/16/3/16/9	NPd	NPd	0,6	73	0,16/0,16	44	0,33/0,25	0,54	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(18 argon)6(16 argon)44.2		NPd	NPd	NPd	NPd	NPd	P2A/NPd/P2A	NPd	40K/40K/40K	9/18/6/16/9	NPd	NPd	0,5	71	0,15/0,15	41	0,24/0,24	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 XN F5 4(16 argon)3(16 argon)4		NPd	NPd	NPd	NPd	NPd	NPd	NPd	200K/40K/40K	4/16/3/16/4	NPd	NPd	0,6	75	0,16/0,16	49	0,33/0,33	0,54	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(14 argon)3(14 argon)33.1		NPd	NPd	NPd	NPd	NPd	NPd	NPd	40K/40K/40K	6/14/3/									

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EN 1279-5:2006+A2:2010		Isoliertglas zur Verwendung in Gebäuden und Bauwerken																	
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-unghemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-flektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit
AVCP systems		1	3,4	3,4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3
SGG CLIMATOP PROTECT XN F2 F5 44.2(14 argon)4(14 argon)4		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/40K	9/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,50	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(14 argon)SATINOVO MATE 4(12 argon)44.2		NPD	NPD	NPD	NPD	NPD	P2A/NPD/P2A	NPD	40K/40K/40K	9/14/4/12/9	NPD	NPD	0,7	71	0,15/0,15	41	0,24/0,24	0,49	PASS
SGG CLIMATOP SAVE SECURIT XN F2 XN II F5 33.1(18 argon)6(18 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/18/6/18/6	NPD	NPD	0,5	73	0,16/0,16	44	0,27/0,31	0,51	PASS
SGG CLIMATOP SAVE SECURIT XN F2 XN II F5 33.1(14 argon)3(12 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/14/3/12/4	NPD	NPD	0,7	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 4(18 argon)4(16 argon)33.1		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/18/4/18/6	NPD	NPD	0,5	74	0,16/0,16	45	0,33/0,28	0,54	PASS
SGG CLIMATOP SECURIT SAFE XN II F2 XN F5 4(18 argon)4(18 argon)33.1		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/6/14/6	NPD	NPD	0,6	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMAROP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(14 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/143/12/4	NPD	NPD	0,7	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP SAFE XN F2 XN II F5 33.1(14 argon)3(12 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/40K	4/18/4/16/6	NPD	NPD	0,6	74	0,16/0,16	45	0,33/0,28	0,54	PASS
SGG CLIMATOP SECURIT XN F2 F5 4(18 argon)4(18 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/40K	4/18/4/18/4	NPD	NPD	0,5	74	0,16/0,16	48	0,33/0,33	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(12 argon)SATINOVO MATE 4(12 argon)8		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/12/4/12/8	NPD	NPD	0,7	71	0,15/0,15	42	0,24/0,29	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(20 argon)6(18 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	8/20/6/18/6	NPD	NPD	0,5	73	0,16/0,16	45	0,29/0,31	0,52	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)SATINOVO MATE 6(18 argon)6		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/16/6/18/6	NPD	NPD	0,5	71	0,15/0,15	41	0,24/0,30	0,49	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(12 argon)6(10 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/12/6/10/6	NPD	NPD	0,8	73	0,16/0,16	44	0,27/0,31	0,51	PASS
SGG CLIMATOP SAFE XN F2 F5 33.1(14 argon)3(12 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/14/3/12/4	NPD	NPD	0,7	74	0,16/0,16	46	0,28/0,33	0,51	PASS
SGG CLIMATOP XN F2 F5 8(14 argon)4(14 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/14/4/14/4	NPD	NPD	0,6	74	0,16/0,16	46	0,30/0,33	0,52	PASS
SGG CL IMATOP XN F2 F5 6(20 argon)6(20 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/20/6/20/6	NPD	NPD	0,5	74	0,16/0,16	46	0,33/0,31	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)4(14 argon)4		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/4/14/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)4(14 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/16/4/14/4	NPD	NPD	0,6	74	0,16/0,16	48	0,31/0,33	0,53	PASS
SGG CLIMATOP PROTECT XN F2 F5 4(14 argon)SATINOVO MATE 4(14 argon)44.2		NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	40K/40K/40K	4/14/4/14/9	NPD	NPD	0,6	72	0,16/0,15	43	0,32/0,24	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)4(18 argon)6		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/16/4/18/6	NPD	NPD	0,5	73	0,16/0,16	43	0,25/0,31	0,49	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)SATINOVO MATE 4(14 argon)8		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/4/14/8	NPD	NPD	0,6	71	0,15/0,15	42	0,24/0,29	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(14 argon)5(14 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	8/14/5/14/6	NPD	NPD	0,6	73	0,16/0,16	46	0,29/0,31	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(18 argon)6(18 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	8/18/6/18/4	NPD	NPD	0,5	73	0,16/0,16	46	0,29/0,32	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 44.2(16 argon)SATINOVO MATE 4(16 argon)4		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/40K	9/16/4/16/4	NPD	NPD	0,6	72	0,15/0,16	43	0,24/0,32	0,49	PASS
SGG CLIMATOP SAVE SECURIT XN F2 XN II F5 33.1(16 argon)4(14 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/16/4/14/4	NPD	NPD	0,6	74	0,16/0,16	45	0,28/0,33	0,51	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(16 argon)6(16 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/16/6/16/6	NPD	NPD	0,6	73	0,16/0,16	46	0,31/0,31	0,53	PASS
SGG CLIMATOP SECURIT XN II F2 F5 8(16 argon)6(14 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	8/16/6/14/6	NPD	NPD	0,6	73	0,16/0,16	45	0,29/0,31	0,52	PASS
SGG CLIMATOP PROTECT XN F2 F5 6(16 argon)6(18 argon)44.2		NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	40K/40K/40K	6/16/6/18/9	NPD	NPD	0,5	72	0,16/0,16	43	0,31/0,24	0,52	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)SATINOVO MATE 6(16 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/6/16/4	NPD	NPD	0,6	72	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMAPLUS PROTECT SECURIT XN 3 44.2(12 argon)4		NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/200K	9/12/4	NPD	NPD	1,3	80	0,12/0,13	54	0,21/0,27	0,59	PASS
SGG CLIMAPLUS SECURIT XN II F3 8(24 argon)8		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	8/24/8	NPD	NPD	1,2	80	0,12/0,12	55	0,25/0,24	0,63	PASS
SGG CLIMAPLUS SECURIT XN II F3 6(18 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/18/6	NPD	NPD	1,1	81	0,12/0,13	58	0,26/0,26	0,64	PASS
SGG CLIMAPLUS PROTECT SECURIT XN II F3 55.2(14 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	11/14/6	NPD	NPD	1,1	79	0,12/0,12	52	0,20/0,25	0,58	PASS
SGG CLIMAPLUS SECURIT XN II F3 8(14 argon)8		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	8/14/8	NPD	NPD	1,1	80	0,12/0,12	55	0,25/0,24	0,63	PASS
SGG CLIMAPLUS XN F3 6(27 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/27/6	NPD	NPD	1,2	81	0,12/0,13	58	0,26/0,26	0,64	PASS
SGG CLIMATOP SECURIT XN II F2 F5 4(18 argon)SATINOVO MATE 4(18 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/18/4/18/4	NPD	NPD	0,5	73	0,16/0,16	47	0,32/0,32	0,54	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(14 argon)6(14 argon)6		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/14/6/14/6	NPD	NPD	0,6	72	0,16/0,16	43	0,24/0,31	0,49	PASS
SGG CLIMATOP XN F2 F5 5(18 argon)5(18 argon)5		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/18/5/18/5	NPD	NPD	0,5	74	0,16/0,16	47	0,32/0,32	0,53	PASS
SGG CLIMAPLUS XN II F3 4(18 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K	4/18/4	NPD	NPD	1,1	82	0,12/0,13	60	0,28/0,27	0,65	PASS
SGG CLIMATOP SECURIT PROTECT XN II F2 XN F5 6(12 argon)5(12 argon)44.2		NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD	200K/40K/40K	6/12/5/12/9	NPD	NPD	0,7	72	0,16/0,16	43	0,31/0,25	0,53	PASS
SGG CLIMATOP XN F2 F5 5(16 argon)SATINOVO MATE 6(16 argon)5		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/16/6/16/5	NPD	NPD	0,9	72	0,18/0,18	50	0,25/0,29	0,58	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(16 argon)5(14 argon)4		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/40K/200K	9/16/5/14/4	NPD	NPD	0,6	73	0,16/0,16	44	0,25/0,33	0,49	PASS
SGG CLIMATOP SECURIT XN II F2 F5 6(14 argon)4(14 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/14/4/14/6	NPD	NPD	0,6	74	0,16/0,16	47	0,31/0,31	0,53	PASS
SGG CLIMATOP XN F2 F5 5(20 argon)6(18 argon)5		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	5/20/6/18/5	NPD	NPD	0,5	74	0,16/0,16	46	0,32/0,32	0,53	PASS
SGG CLIMATOP PROTECT SECURIT XN II F3 F5 55.2(14 argon)4(12 argon)4		NPD	NPD	NPD	NPD	NPD	P2A/NPD/NPD	NPD	40K/200K/200K	11/14/4/12/4	NPD	NPD	0,7	45	0,09/0,15	28	0,14/0,32	0,33	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XNII F5 33.1(12 argon)4(10 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/200K/200K	6/12/4/10/4	NPD	NPD	0,8	74	0,16/0,16	45	0,28/0,33	0,51	PASS
SGG CLIMAPLUS SECURIT XN II F3 6(14 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/14/6	NPD	NPD	1,1	81	0,12/0,13	59	0,28/0,26	0,65	PASS
SGG CLIMAPLUS SAFE XN F3 33.1(14 argon)33.1		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/14/6	NPD	NPD	1,1	80	0,12/0,12	54	0,23/0,23	0,61	PASS
SGG CLIMATOP SAFE SECURIT XN F2 XN II F5 33.1(18 argon)SATINOVO MATE 4(16 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/200K	6/18/4/16/4	NPD	NPD	0,6	73	0,16/0,16	44	0,27/0,32	0,51	PASS
SGG CLIMATOP PROTECT SECURIT XN F2 XN II F5 44.2(20 argon)6 arg																			

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EN 1279-5:2006+A2:2010		Isolierglas zur Verwendung in Gebäuden und Bauwerken																		
Wesentliche Merkmale		Feuer-widerstand	Brand-verhalten	Verhalten bei Beanspruchung durch Feuer von Außen	Beschuss-hemmung	Sprengwirk-ungshemmung	Durchbruch-hemmung	Widerstand gegen Pendelschlag	Widerstand gegen plötzliche Temperaturwechsel und -gradienten (K)	Widerstand gegen Wind-, Schnee-, dauerhafte und kurzfristige Lasten	Direkte Luftschall-dämmung (dB)	Deklarierte Emissivität	Ug-Wert (W/m²K)	Lichttrans-mission	Lichte-rtrektion	Energie-transmission	Energie-reflektion	g-Wert	Dauerhaftig-keit	
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 XN SKN165 II F2 XN II F5 6(16 argon)4(16 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	6/16/4/16/4	NPD	NPD	0,6	55	0,18/0,20	27	0,34/0,40	0,31	PASS	
SGG CLIMATOP PROTECT XN F2 F5 6(14 argon)6(14 argon)55.2		NPD	NPD	NPD	NPD	NPD	NPD/NPD/P2A	NPD/NPD/1B1	40K/40K/40K	6/14/6/14/10	NPD	NPD	0,6	72	0,14/0,14	42	0,30/0,23	0,53	PASS	
SGG CLIMATOP SECURIT EMAIL F2 XN F3 F5 8(16 argon)6(16 argon)8		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	8/16/6/16/8	NPD	NPD	0,6	NPD	NPD	NPD	NPD	NPD	PASS	
SGG CLIMAPLUS SECURIT SKN165 II F2 6(10 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	6/10/6	NPD	NPD	1,4	61	0,16/0,18	31	0,34/0,38	0,34	PASS	
SGG CLIMATOP XN F2 F5 8(16 argon)6(16 argon)8		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	8/16/6/16/8	NPD	NPD	0,6	72	0,14/0,14	44	0,28/0,28	0,52	PASS	
SGG CLIMATOP SECURIT XN II F2 F5 8(16 argon)6(16 argon)8		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K/200K	8/16/6/16/8	NPD	NPD	0,6	72	0,14/0,14	44	0,28/0,28	0,52	PASS	
SGG CLIMATOP XN SKN165 F2 XN F5 6(16 argon)6(16 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K/40K	6/16/6/16/6	NPD	NPD	0,5	55	0,18/0,19	27	0,38/0,37	0,31	PASS	
SGG CLIMAPLUS XN F3 6(18 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	6/18/4	NPD	NPD	1,1	81	0,11/0,12	58	0,26/0,27	0,64	PASS	
SGG CLIMAPLUS PROTECT XN F2 44.2(16 argon)6		NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/40K	8/16/6	NPD	NPD	1,1	80	0,11/0,11	53	0,20/0,25	0,57	PASS	
SGG CLIMAPLUS PROTECT SECURIT XN F2 44.2(16 argon)6		NPD	NPD	NPD	NPD	NPD	P2A/NPD	NPD	40K/200K	8/16/6	NPD	NPD	1,1	80	0,11/0,11	53	0,20/0,25	0,57	PASS	
SGG CLIMAPLUS SECURIT XN II F3 5(12 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/200K	5/12/6	NPD	NPD	1,3	81	0,11/0,12	58	0,26/0,26	0,64	PASS	
SGG CLIMAPLUS PROTECT ONE F2 44.2(16 argon)6		NPD	NPD	NPD	NPD	NPD	P2A/NPD	1B1/NPD	40K/40K	8/16/6	NPD	NPD	1,0	70	0,22/0,23	42	0,30/0,38	0,48	PASS	
SGG CLIMAPLUS ONE F2 10(16 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	10/16/6	NPD	NPD	1,0	70	0,22/0,23	43	0,34/0,38	0,49	PASS	
SGG CLIMAPLUS SECURIT-H ONE II F3 8(16 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	1C2/1C2/1C2*	200K/200K	8/16/6	NPD	NPD	1,0	71	0,22/0,23	46	0,35/0,38	0,51	PASS
SGG CLIMAPLUS SECURIT-H ONE II F3 10(16 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	1C1/1C2/1C2*	200K/200K	10/16/6	NPD	NPD	1,0	70	0,22/0,23	45	0,33/038	0,50	PASS
SGG CLIMAPLUS ONE F2 8(16 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	40K/40K	8/16/6	NPD	NPD	1,0	71	0,22/0,23	44	0,36/0,38	0,50	PASS	
CB CLIMATOP SECURIT XN II F2 XN II F5 6(18 argon)4(18 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/4/18/4	35	NPD	0,5	74	0,14/0,14	47	0,30/0,32	0,54	PASS	
CB CLIMATOP SECURIT XN II F2 XN II F5 4(14 argon)3(14 argon)4		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	4/14/3/14/4	30	NPD	0,6	75	0,14/0,14	48	0,33/0,33	0,55	PASS	
CB CLIMATOP SECURIT XN II F2 XN II F5 6(18 argon)6(18 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/18/6/18/6	33	NPD	0,5	73	0,14/0,14	45	0,30/0,30	0,53	PASS	
CB CLIMATOP SECURIT XN II F2 XN II F5 6(16 argon)6(16 argon)6		NPD	NPD	NPD	NPD	NPD	NPD	NPD	200K/40K/200K	6/16/6/16/6	34	NPD	0,6	73	0,14/0,14	46	0,30/0,32	0,53	PASS	
SGG CLIMAPLUS SECURIT ONE II F2 6(16 argon)44.2		NPD	NPD	NPD	NPD	NPD	P2A/NPD	200K/40K	6/16/8	NPD	NPD	NPD	1,0	70	0,23/0,22	43	0,38/0,30	0,49	PASS	
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