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Leistungserklärung

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EN 1279-5 : 2006 + A2 : 2010

Isolierglas zur Verwendung in Gebäuden und Bauwerken

Erstprüfberichten und sonstigen Prüfberichten :

IKATES, s.r.o., Nr. 1394 , Prüfbericht EN 1279-2 , Report A-16/2007
IKATES, s.r.o., Nr. 1394 , Prüfbericht EN 1279-3 , Report N-12/2007
TNO Eindhoven , Nr. 1154 , Prüfbericht EN 1279-4 , TC-RAP-05-12997/idl (PU GD 677)
TNO Eindhoven , Nr. 1154 , Prüfbericht EN 1279-4 , TC-SUM-06-17126 (PS GD 116)
TNO Eindhoven , Nr. 1154 , Prüfbericht EN 1279-4 , TC-RAP-05-13164 (B 115)
ift Rosenheim GmbH , Prüfbericht EN 1279-4 , 601 34667/3 (PS 200),
Ergebnisse Prüfung nach EN 356 und EN 12600 von Lieferanten der Gläser übernommen

Datengültigkeitsprüfung der Rechnerprogramm :

IKATES, s.r.o., č. 1394 , CALUMEN (SGG) , Report V - I/2007
TÜV Rheinland , CALUMEN (SGG) , Report 10190R-10.26687
BBRI Brussels , WIS/WINDAT (AGC) , Report 632xB648b

ETA - nichterlass

Wesentliche Merkmale

Code	Serie	AVCP systems	Feuerwiderstand	Brandverhalten	External fire performance	Beschuss-hemmung	Sprengw-irk-ungshe-mmung	Durchbr-uch-hemmung	Widerstan-d gegen Pendelsch-lag	Widerstand gegen plötzliche Temperatur wechsel und -gradienten	Widerstand gegen Wind-, Schnee, Dauerhafte und kurzfristiger Lasten.	Lustschalld-ämmung(d B)	Lustschalld-ämmung(d B)	Ug-Wert (W/m²K)	Lichttra-nsmissi-on	Lichtref-lektion	energies-transmiss-ion	Energie-reflektio-n	Sonne-ndurch-l-assfakt-o	Shadi-ng coeffi-cent	Durability
			EN 13501-2	EN 13501-1	EN 13501-1	EN 1063	EN 13541	EN 356	EN 12600	°K	Rw (dB)	Rw (dB)	Ug	Lt	Lr	T	p	g-wert	S.C.		
			1	3, 4	3, 4	1	1	3	3	4	4	3	3	3	3	3	3	3	3	3	3

2IG STANDARD		Float 4 / 16 / Float 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		2,7	83	15	77	14/14	80	0,92	PASS
140	AKU STANDARD	Float 4 / 16 / Float 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		2,7	83	15	77	14/14	80	0,92	PASS
141	AKU STANDARD	Float 5 / 16 / Float 5	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	5 / 16 / 5		30	2,7	82	15	75	14/14	79	0,90	PASS
142	AKU STANDARD	Float 6 / 16 / Float 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 6	33		2,7	81	15	73	13/13	78	0,89	PASS
143	AKU STANDARD	Float 8 / 16 / Float 8	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	8 / 16 / 8		33	2,7	80	15	70	13/13	76	0,87	PASS
144	AKU STANDARD	Float 10 / 16 / Float 10	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	10 / 16 / 10		35	2,6	79	14	67	12/12	74	0,85	PASS
2IG WARMESCHUTZ																						
201	AKUPLUS XN	Float 4 / 16 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		1,4	82	12	60	27/27	65	0,75	PASS
202	AKUPLUS XN Ar	Float 4 / 10 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 10 / 4		26	1,4	82	12	60	27/27	65	0,75	PASS
203	AKUPLUS XN Ar	Float 4 / 12 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 12 / 4		27	1,3	82	12	60	27/27	65	0,75	PASS
204	AKUPLUS XN Ar	Float 4 / 14 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 14 / 4		28	1,2	82	12	60	27/27	65	0,75	PASS
205	AKUPLUS XN Ar	Float 4 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		1,1	82	12	60	27/27	65	0,75	PASS
206	AKUPLUS XN Ar	Float 4 / 18 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 18 / 4		30	1,1	82	12	60	27/27	65	0,75	PASS
207	AKUPLUS XN Ar	Float 4 / 20 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 20 / 4		30	1,1	82	12	60	27/27	65	0,75	PASS
208	AKUPLUS XN Ar	Float 6 / 12 Ar / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 12 / 6		29	1,3	81	12	58	26/26	64	0,74	PASS
209	AKUPLUS XN Ar	Float 6 / 14 Ar / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 14 / 6		30	1,1	81	12	58	26/26	64	0,74	PASS
210	AKUPLUS XN Ar	Float 6 / 16 Ar / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 6		31	1,1	81	12	58	26/26	64	0,74	PASS
301	AKUPLUS ONE	Float 4 / 16 / Planitherm ONE 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		1,3	72	22	46	40/41	52	0,59	PASS
302	AKUPLUS ONE Ar	Float 4 / 16 Ar / Planitherm ONE 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		1,0	72	22	46	40/41	52	0,60	PASS
303	AKUPLUS ONE Ar	Float 6 / 16 / Planitherm ONE 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 6		31	1,0	71	22	45	38/38	51	0,59	PASS
2IG WARMESCHUTZ + SCHALLSCHUTZ																						
401	AKUPLUS XN WS 22/33	Float 6 / 12 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 12 / 4	33		1,3	81	12	59	26/27	64	0,74	PASS
402	AKUPLUS XN WS 24/33	Float 6 / 14 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 14 / 4		33	1,1	81	12	59	26/27	64	0,74	PASS
403	AKUPLUS XN WS 26/34	Float 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	34		1,1	81	12	59	26/27	64	0,74	PASS
404	AKUPLUS XN WS 24/33	Float 8 / 12 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	8 / 12 / 4		33	1,3	81	12	58	24/27	63	0,72	PASS
405	AKUPLUS XN WS 28/35	Float 8 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	8 / 16 / 4		35	1,1	81	12	58	24/27	63	0,72	PASS
406	AKUPLUS XN WS 34/36	Float 8 / 20 Ar / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	8 / 20 / 6		36	1,1	80	12	57	24/26	63	0,72	PASS
407	AKUPLUS XN WS 38/37	Float 8 / 24 Ar / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	8 / 24 / 6		37	1,2	80	12	57	24/26	63	0,72	PASS
408	AKUPLUS XN WS 28/36	Float 10 / 14 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	10 / 14 / 4		36	1,1	80	12	57	23/27	62	0,71	PASS
409	AKUPLUS XN WS 30/37	Float 10 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	10 / 16 / 4		37	1,1	80	12	57	23/27	62	0,71	PASS

410	AKUPLUS XN WS 34/38	Float 10 / 20 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	10 / 20 / 4		38	1.1	80	12	57	23/27	62	0,71	PASS
411	AKUPLUS XN WS 40/39	Float 10 / 24 Ar / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	10 / 24 / 6		39	1.2	80	12	56	23/26	62	0,71	PASS
501	AKUPLUS XN ACOUSTIC WS 27/36	VSG 33.1 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	2B2	40 / 40	33.1 / 16 / 4	36		1.1	81	12	56	23/27	61	0,70	PASS
505	AKUPLUS XN ACOUSTIC WS 29/38	VSG 44.1 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	2B2	40 / 40	44.1 / 16 / 4	38		1.1	81	12	55	22/27	60	0,69	PASS
507	AKUPLUS XN ACOUSTIC WS 30/39	VSG 44.22 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	P4A	1B1	40 / 40	44.22 / 16 / 4	39		1.1	80	12	53	19/27	58	0,67	PASS
434	AKUPLUS XN ACOUSTIC WS 31/39	VSG 44.1 / 16 Ar / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	2B2	40 / 40	44.1 / 16 / 6	39		1.1	80	12	54	22/25	60	0,69	PASS
435	AKUPLUS XN ACOUSTIC WS 32/40	VSG 44.22 / 16 Ar / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	P4A	1B1	40 / 40	44.22 / 16 / 6	40		1.1	80	12	52	19/25	58	0,67	PASS
436	AKUPLUS XN ACOUSTIC WS 33/41	VSG 55.2 / 16 Ar / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40 / 40	55.2 / 16 / 6	41		1.1	79	12	52	19/25	58	0,67	PASS
481	AKUPLUS XN ACOUSTIC WS-Si 27/37	VSG-Si 44.2 / 14 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40 / 40	44.2 / 14 / 4	37		1.1	80	12	54	20/27	59	0,68	PASS
482	AKUPLUS XN ACOUSTIC WS-Si 29/39	VSG-Si 44.2 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40 / 40	44.2 / 16 / 4	39		1.1	80	12	54	20/27	59	0,68	PASS
483	AKUPLUS XN ACOUSTIC WS-Si 31/42	VSG-Si 44.2 / 16 Ar / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40 / 40	44.2 / 16 / 6	42		1.1	80	12	53	20/25	59	0,68	PASS
484	AKUPLUS XN ACOUSTIC WS-Si 34/44	VSG-Si 44.2 / 16 Ar / VSG-Si 44.2 LowE	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40 / 40	44.2/16/44.2	44		1.1	79	12	51	20/20	59	0,68	PASS
485	AKUPLUS XN ACOUSTIC WS-Si 38/46	VSG-Si 44.2 / 20 Ar / VSG-Si 44.2 LowE	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40 / 40	44.2/20/44.2	46		1.1	79	12	51	20/20	59	0,68	PASS
486	AKUPLUS XN ACOUSTIC WS-Si 38/48	VSG-Si 66.2 / 16 Ar / VSG-Si 44.2 LowE	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40 / 40	66.2/16/44.2	48		1.1	78	12	49	18/20	57	0,66	PASS
487	AKUPLUS XN ACOUSTIC WS-Si 46/51	VSG-Si 66.2 / 24 Ar / VSG-Si 44.2 LowE	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40 / 40	66.2/24/44.2	51		1.1	78	12	49	18/20	57	0,66	PASS
ZIG WARMESCHUTZ + SICHERHEITS																						
501	AKUPLUS XN SAFE	VSG 33.1 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	2B2	40 / 40	VSG 33.1/16/4	36		1.1	81	12	56	23/27	61	0,70	PASS
502	AKUPLUS XN SAFE P2A	VSG 33.2 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40 / 40	VSG 33.2/16/4	34		1.1	81	12	55	21/27	60	0,69	PASS
503	AKUPLUS XN SAFE P4A	VSG 33.22/ 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	P4A	1B1	40 / 40	VSG 33.22/16/4	34		1.1	81	12	54	19/27	59	0,68	PASS
504	AKUPLUS XN SAFE P2A	VSG 33.2 / 16 Ar / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40 / 40	VSG 33.2/16/6	34		1.1	80	12	54	21/25	60	0,69	PASS
505	AKUPLUS XN SAFE	VSG 44.1 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	2B2	40 / 40	VSG 44.1/16/4	38		1.1	81	12	55	22/27	60	0,69	PASS
506	AKUPLUS XN SAFE P2A	VSG 44.2 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40 / 40	VSG 44.2/16/4	36		1.1	80	12	54	20/27	59	0,68	PASS
507	AKUPLUS XN SAFE P4A	VSG 44.22 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	P4A	1B1	40 / 40	VSG 44.22/16/4	39		1.1	80	12	53	19/27	58	0,67	PASS
508	AKUPLUS XN SAFE P2A	VSG 44.2 / 16 Ar / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40 / 40	VSG 44.2/16/6	36		1.1	80	12	53	20/25	59	0,68	PASS
551	AKUPLUS XN SECURIT 2x1C3	ESG 4 / 16 Ar / ESG LowE 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	1C3	200 / 200	4 / 16 / 4	30		1.1	82	12	60	28/27	65	0,75	PASS
552	AKUPLUS XN SECURIT 2x1C2	ESG 6 / 16 Ar / ESG LowE 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	1C2	200 / 200	6 / 16 / 6	31		1.1	81	12	58	26/26	64	0,73	PASS
ZIG WARMESCHUTZ + SONNENSCHUTZ																						
601	AKUPLUS SOLARCONTROL PB BRONZ 55/46	Planibel Bronz 4 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		1.1	55	8	39	17/NPD	46	0,53	PASS
602	AKUPLUS SOLARCONTROL PB BRONZ 45/38	Planibel Bronz 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	45	7	32	13/NPD	38	0,44	PASS
603	AKUPLUS SOLARCONTROL PB GREY 51/44	Planibel Grey 4 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		1.1	51	7	37	16/NPD	44	0,51	PASS
604	AKUPLUS SOLARCONTROL PB GREY 39/36	Planibel Grey 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	39	6	30	12/NPD	36	0,41	PASS
605	AKUPLUS SOLARCONTROL PB GREEN 71/45	Planibel Green 4 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		1.1	71	10	39	11/NPD	45	0,52	PASS
606	AKUPLUS SOLARCONTROL PB GREEN 65/39	Planibel Green 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	65	10	33	8/NPD	39	0,45	PASS
607	AKUPLUS SOLARCONTROL PB AZUR 65/42	Planibel Azur 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	65	10	36	10/NPD	42	0,48	PASS
608	AKUPLUS SOLARCONTROL PB PRIVA BLUE 31/21	Planibel Priva Blue 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	31	6	16	5/NPD	21	0,24	PASS
609	AKUPLUS SOLARCONTROL PB DARK BLUE 52/35	Planibel Dark Blue 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	52	8	30	8/NPD	35	0,40	PASS
621	AKUPLUS SOLARCONTROL SC CLEAR 35/33	Stopsol CI Clear 4 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		1.1	35	35	28	41/NPD	33	0,38	PASS
622	AKUPLUS SOLARCONTROL SC CLEAR 34/32	Stopsol CI Clear 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	34	35	27	40/NPD	32	0,37	PASS
623	AKUPLUS SOLARCONTROL SC BRONZ 24/25	Stopsol CI Bronz 4 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		1.1	24	34	20	36/NPD	25	0,29	PASS
624	AKUPLUS SOLARCONTROL SC BRONZ 19/21	Stopsol CI Bronz 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	19	34	16	33/NPD	21	0,24	PASS
625	AKUPLUS SOLARCONTROL SC GREY 22/23	Stopsol CI Grey 4 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		1.1	22	34	19	35/NPD	23	0,26	PASS
626	AKUPLUS SOLARCONTROL SC GREY 17/19	Stopsol CI Grey 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	17	34	15	32/NPD	19	0,22	PASS
627	AKUPLUS SOLARCONTROL SC GREEN 30/22	Stopsol CI Green 4 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	4 / 16 / 4	30		1.1	30	35	18	31/NPD	22	0,25	PASS
628	AKUPLUS SOLARCONTROL SC GREEN 28/19	Stopsol CI Green 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	28	35	15	29/NPD	19	0,22	PASS
629	AKUPLUS SOLARCONTROL SSS CLEAR 57/46	Stopsol SS Clear 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	57	37	40	41/NPD	46	0,53	PASS
630	AKUPLUS SOLARCONTROL SSS GREY 26/25	Stopsol SS Grey 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	26	35	20	31/NPD	25	0,29	PASS
631	AKUPLUS SOLARCONTROL SSS GREEN 46/28	Stopsol SS Green 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	46	36	23	29/NPD	28	0,32	PASS
632	AKUPLUS SOLARCONTROL SSS DARK BLUE 36/25	Stopsol SS Dark Blue 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	36		1.1	36	35	21	28/NPD	25	0,29	PASS
660	AKUPLUS COOL-LITE SKN 165 61/34	Cool Lite SKN 165 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	34		1.0	61	16	32	37/43	34	0,39	PASS
661	AKUPLUS COOL-LITE SKN 174 69/41	Cool Lite SKN 174 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	34		1.1	69	11	39	31/36	41	0,47	PASS
662	AKUPLUS COOL-LITE XTREME 60/28	Cool Lite XTREME 60/28 6 / 16 Ar / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40 / 40	6 / 16 / 4	34		1.0	60	14	26	42/49	28	0,32	PASS

3IG WARMESCHUTZ

701	AKUTOP XN 28/0.8 Ar	Planitherm XN 4 / 08 / Float 4 / 08 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/08/4/08/4		27	1,0	74	16	48	33/33	54	0,62	PASS
702	AKUTOP XN 32/0.8 Ar	Planitherm XN 4 / 10 / Float 4 / 10 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/10/4/10/4		27	0,8	74	16	48	33/33	54	0,62	PASS
703	AKUTOP XN 36/0.7 Ar	Planitherm XN 4 / 12 / Float 4 / 12 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/12/4/12/4	31		0,7	74	16	48	33/33	54	0,62	PASS
704	AKUTOP XN 40/0.6 Ar	Planitherm XN 4 / 14 / Float 4 / 14 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/14/4/14/4		28	0,6	74	16	48	33/33	54	0,62	PASS
705	AKUTOP XN 42/0.6 Ar	Planitherm XN 4 / 16 / Float 4 / 14 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/16/4/14/4		29	0,6	74	16	48	33/33	54	0,62	PASS
706	AKUTOP XN 44/0.6 Ar	Planitherm XN 4 / 16 / Float 4 / 16 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/16/4/16/4		30	0,6	74	16	48	33/33	54	0,62	PASS
707	AKUTOP XN 48/0.5 Ar	Planitherm XN 4 / 18 / Float 4 / 18 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/18/4/18/4		30	0,5	74	16	48	33/33	54	0,62	PASS
708	AKUTOP XN 40/0.7 Ar	Planitherm XN 6 / 12 / Float 4 / 12 / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/12/4/12/6		32	0,7	74	16	46	31/31	53	0,61	PASS
709	AKUTOP XN 44/0.6 Ar	Planitherm XN 6 / 14 / Float 4 / 14 / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/14/4/14/6		34	0,6	74	16	46	31/31	53	0,61	PASS
710	AKUTOP XN 48/0.6 Ar	Planitherm XN 6 / 16 / Float 4 / 16 / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/16/4/16/6		34	0,6	74	16	46	31/31	53	0,61	PASS
711	AKUTOP XN 52/0.5 Ar	Planitherm XN 6 / 18 / Float 4 / 18 / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/18/4/18/6		35	0,5	74	16	46	31/31	53	0,61	PASS
712	AKUTOP XN 50/0.6 Ar	Planitherm XN 6 / 16 / Float 6 / 16 / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/16/6/16/6		33	0,6	73	16	45	31/31	53	0,61	PASS
801	AKUTOP ONE 44/0.5 Ar	Planitherm ONE 4 / 16 / Float 4 / 14 / Planitherm ONE 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/16/4/16/4		30	0,5	59	32	33	48/48	38	0,43	PASS
802	AKUTOP ONE 48/0.5 Ar	Planitherm ONE 6 / 16 / Float 4 / 14 / Planitherm ONE 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/16/4/16/6		34	0,5	58	32	32	46/46	37	0,43	PASS
803	AKUTOP ONE 50/0.5 Ar	Planitherm ONE 6 / 16 / Float 6 / 14 / Planitherm ONE 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/16/6/16/6		33	0,5	57	32	31	45/45	37	0,43	PASS
901	AKUTOP LUX 62 36/0.8	Planitherm LUX 4 / 12 / Float 4 / 12 / Planitherm LUX 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/12/4/12/4	31		0,8	72	17	52	21/21	61	0,70	PASS
902	AKUTOP LUX 62 40/0.7	Planitherm LUX 4 / 14 / Float 4 / 14 / Planitherm LUX 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/14/4/14/4		28	0,7	72	17	52	21/21	61	0,70	PASS
903	AKUTOP LUX 62 44/0.7	Planitherm LUX 4 / 16 / Float 4 / 16 / Planitherm LUX 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/16/4/16/4		30	0,7	72	17	52	21/21	61	0,70	PASS
904	AKUTOP LUX 62 48/0.6	Planitherm LUX 4 / 18 / Float 4 / 18 / Planitherm LUX 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/18/4/18/4		30	0,6	72	17	52	21/21	61	0,70	PASS
905	AKUTOP LUX 60 40/0.8	Planitherm LUX 6 / 12 / Float 4 / 12 / Planitherm LUX 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/12/4/12/6		32	0,8	71	16	49	20/20	59	0,68	PASS
906	AKUTOP LUX 60 44/0.7	Planitherm LUX 6 / 14 / Float 4 / 14 / Planitherm LUX 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/14/4/14/6		34	0,7	71	16	49	20/20	59	0,68	PASS
907	AKUTOP LUX 60 48/0.7	Planitherm LUX 6 / 16 / Float 4 / 16 / Planitherm LUX 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/16/4/16/6		34	0,7	71	16	49	20/20	59	0,68	PASS
908	AKUTOP LUX 60 52/0.6	Planitherm LUX 6 / 18 / Float 4 / 18 / Planitherm LUX 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/18/4/18/6		35	0,6	71	16	49	20/20	59	0,68	PASS

3IG WARMESCHUTZ + SCHALLSCHUTZ

751	AKUTOP XN WS 38/36	Planitherm XN 6 / 12 / Float 4 / 12 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/12/4/12/4	36		0,7	74	16	47	31/33	53	0,61	PASS
752	AKUTOP XN WS 42/39	Planitherm XN 8 / 12 / Float 4 / 12 / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	8/12/4/12/6	39		0,7	73	16	46	29/31	52	0,60	PASS
753	AKUTOP XN WS 44/40	Float 10 / 12 / ESG LowE 4 / 12 / Planitherm XN 6	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/200/40	10/12/4/12/6	40		0,7	73	15	45	28/31	53	0,61	PASS
754	AKUTOP XN SILENCE WS-Si 42/42	Planitherm XN 6 / 12 / 4 / 12 / VSG-Si LowE 4.4.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/12/4/12/44.1	42		0,7	73	16	44	31/26	53	0,61	PASS
755	AKUTOP XN SILENCE WS-Si 44/45	Planitherm XN 8 / 12 / 4 / 12 / VSG-Si LowE 4.4.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	8/12/4/12/44.1	45		0,7	72	16	43	29/26	52	0,60	PASS
756	AKUTOP XN SILENCE WS-Si 44/47	VSG-Si LowE 4.4.1/12/4/12/VSG-Si LowE 4.4.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	44.1/12/4/12/44.1	47		0,7	72	16	43	26/26	50	0,58	PASS
757	AKUTOP XN SILENCE WS-Si 50/50	VSG-Si LowE 6.6.1/12/6/12/VSG-Si LowE 4.4.1	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	66.1/12/6/12/44.1	50		0,7	71	15	41	24/26	50	0,57	PASS

3IG WARMESCHUTZ + SICHERHEITS


780	AKUTOP XN 2B2 (331)	VSG LowE 33.1 / 16 / 4 / 16 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	2B2	40/40/40	33.1/16/4/16/4		34	0,6	74	16	46	28/33	51	0,59	PASS	
781	AKUTOP XN P2A (332)	VSG LowE 33.2 / 16 / 4 / 16 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40/40/40	33.2/16/4/16/4		35	0,6	74	16	45	26/33	50	0,58	PASS
782	AKUTOP XN 2B2 (441)	VSG LowE 44.1 / 16 / 4 / 16 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	2B2	2B2	40/40/40	44.1/16/4/16/4		37	0,6	73	16	45	26/33	50	0,58	PASS
783	AKUTOP XN P2A (442)	VSG LowE 44.2 / 16 / 4 / 16 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	P2A	1B1	40/40/40	44.2/16/4/16/4		37	0,6	73	16	44	25/33	50	0,57	PASS
784	AKUTOP XN P2A (4422)	VSG LowE 44.22 / 16 / 4 / 16 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	P4A	1B1	40/40/40	44.22/16/4/16/4		38	0,6	73	16	43	23/33	49	0,56	PASS

3IG WARMESCHUTZ + SONNENSCHUTZ

791	AKUTOP SOLARCONTROL PB Bronz 48/38	Planibel Bronz 4 / 16 / 4 / 16 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	4/16/4/16/4		33	0,6	48	10	29	20/NPD	38	0,44	PASS
792	AKUTOP SOLARCONTROL SS CLEAR (1) 50/39	Stopsol SS Clear (1) 6 / 16 / 4 / 16 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/16/4/16/4		36	0,6	50	39	30	44/NPD	39	0,45	PASS
793	AKUTOP COOL LITE 174 N 63/37	Cool-Lite SKN 174 6 / 16 / 4 / 16 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/16/4/16/4		34	0,6	63	13	33	33/37	37	0,42	PASS
794	AKUTOP COOL LITE X-Treme 55/26	Cool-Lite X-Treme 60/28 6 / 16 / 4 / 16 / Planitherm XN 4	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	40/40/40	6/16/4/16/4		34	0,6	55	16	23	43/45	26	0,30	PASS

NPD = No Performance Determined (Keine Leistung bestimmt)

**Diese Leistungserklärung wurde in der alleinigen Verantwortung des Herstellers erstellt
Unterschieden für und auf Anweisung des Herstellers von:**

<p>Name und Funktion Ing. Konecny Kamil Handelsdirektor</p>	<p>Ort und Datum der Erstellung Ceske Budejovice 01. 07. 2015</p>	 <p>AKUTERM YPROMA IZOLACIJECH DVORBEK 110 00 Praha 1, Václavská 108/117 IČO 08931817 - DIČ CZ-25001817 Převozovna Novotná 15, Ceske Budejovice</p>
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