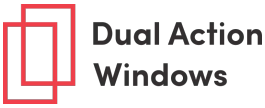


2016 / 05 	composition	exterior mm	interior mm	width mm	weight kg/m2	gas	Btu (IT)/h/ft²/F	Rw certific. dB	correction		Rw simulat. dB	correction		SGHC solar factor %	Lt light trans. %	Lr light reflection %	Solar energy trans. τ	Solar energy reflection ρ	Shading coef.	UV %	Additional charge %
									C dB	Ctr dB		C dB	Ctr dB								
<b>STANDARD</b>																					
AKU STANDARD	4 / 16 / 4	Float	Float	24	20		0,48	30	-1	-4				80	83	15	77	14/14	0,80	58	0
AKU STANDARD	5 / 16 / 5	Float	Float	26	25		0,48				30	-2	-5	79	82	15	75	14/14	0,78	55	0
AKU STANDARD	6 / 16 / 6	Float	Float	28	30		0,48	<b>33</b>	-1	-4				78	81	15	73	13/13	0,77	52	0
AKU STANDARD	8 / 16 / 8	Float	Float	32	40		0,48				33	-2	-5	76	80	15	70	13/13	0,76	48	0
AKU STANDARD	10 / 16 / 10	Float	Float	36	50		0,46				35	-1	-4	74	79	14	67	12/12	0,74	44	0
<b>THERMAL/HEAT ISOLATION</b>																					
AKUPLUS XN	4 / 16 / 4	Float	Planitherm XN	24	20		0,25	30	-1	-4				65	82	12	60	27/27	0,65	38	12,5
AKUPLUS XN Ar	4 / 10 / 4	Float	Planitherm XN	18	20	Ar	0,25				26	0	-2	65	82	12	60	27/27	0,65	38	12,5
AKUPLUS XN Ar	4 / 12 / 4	Float	Planitherm XN	20	20	Ar	0,23				27	-1	-4	65	82	12	60	27/27	0,65	38	12,5
AKUPLUS XN Ar	4 / 14 / 4	Float	Planitherm XN	22	20	Ar	0,21				28	-1	-4	65	82	12	60	27/27	0,65	38	12,5
AKUPLUS XN Ar	4 / 16 / 4	Float	Planitherm XN	24	20	Ar	0,19	30	-1	-3				65	82	12	60	27/27	0,65	38	12,5
AKUPLUS XN Ar	4 / 18 / 4	Float	Planitherm XN	28	20	Ar	0,19				30	-1	-5	65	82	12	60	27/27	0,65	38	12,5
AKUPLUS XN Ar	4 / 20 / 4	Float	Planitherm XN	30	20	Ar	0,19				30	-1	-5	65	82	12	60	27/27	0,65	38	12,5
AKUPLUS XN Ar	6 / 12 / 6	Float	Planitherm XN	24	30	Ar	0,23				29	-1	-4	64	81	12	58	26/26	0,64	35	12,5
AKUPLUS XN Ar	6 / 14 / 6	Float	Planitherm XN	26	30	Ar	0,19				30	-1	-5	64	81	12	58	26/26	0,64	35	12,5
AKUPLUS XN Ar	6 / 16 / 6	Float	Planitherm XN	28	30	Ar	0,19				31	-2	-5	64	81	12	58	26/26	0,64	35	12,5
AKUPLUS ONE	4 / 16 / 4	Float	Planitherm ONE	24	20		0,23	30	-1	-4				52	72	22	46	40/41	0,51	30	37,5
AKUPLUS ONE Ar	4 / 16 / 4	Float	Planitherm ONE	24	20	Ar	0,18	30	-1	-3				52	72	22	46	40/41	0,52	30	37,5
AKUPLUS ONE Ar	6 / 16 / 6	Float	Planitherm ONE	28	30	Ar	0,18				31	-2	-5	51	71	22	45	38/38	0,51	27	37,5
<b>SOUNDPROOF STANDARD</b>																					
AKUPLUS XN WS 22/33	6 / 12 / 4	Float	Planitherm XN	22	25	Ar	0,23	33	-1	-4				64	81	12	59	26/27	0,64	37	12,5
AKUPLUS XN WS 24/33	6 / 14 / 4	Float	Planitherm XN	24	25	Ar	0,19				33	-1	-4	64	81	12	59	26/27	0,64	37	12,5
AKUPLUS XN WS 26/34	6 / 16 / 4	Float	Planitherm XN	26	25	Ar	0,19	34	-1	-4				64	81	12	59	26/27	0,64	37	12,5
AKUPLUS XN WS 24/33	8 / 12 / 4	Float	Planitherm XN	24	30	Ar	0,23				33	-1	-4	63	81	12	58	24/27	0,63	35	32,5
AKUPLUS XN WS 28/35	8 / 16 / 4	Float	Planitherm XN	28	30	Ar	0,19				35	-2	-5	63	81	12	58	24/27	0,63	35	32,5
AKUPLUS XN WS 34/36	8 / 20 / 6	Float	Planitherm XN	34	35	Ar	0,19				36	-2	-5	63	80	12	57	24/26	0,63	34	45
AKUPLUS XN WS 38/37	8 / 24 / 6	Float	Planitherm XN	38	35	Ar	0,21				37	-2	-6	63	80	12	57	24/26	0,63	34	113,25
AKUPLUS XN WS 28/36	10 / 14 / 4	Float	Planitherm XN	28	35	Ar	0,19				36	-2	-5	62	80	12	57	23/27	0,62	34	58,75
AKUPLUS XN WS 30/37	10 / 16 / 4	Float	Planitherm XN	30	35	Ar	0,19				37	-3	-7	62	80	12	57	23/27	0,62	34	58,75
AKUPLUS XN WS 34/38	10 / 20 / 4	Float	Planitherm XN	34	35	Ar	0,19				38	-3	-7	62	80	12	57	23/27	0,62	34	71,25
AKUPLUS XN WS 40/39	10 / 24 / 6	Float	Planitherm XN	40	40	Ar	0,21				39	-2	-6	62	80	12	56	23/26	0,62	33	140
<b>SOUNDPROOF SPECIAL</b>																					
AKUPLUS XN ACOUSTIC WS 27/36	VSG 33.1 / 16 / 4	VSG	Planitherm XN	27	25	Ar	0,19	36	-1	-5				61	81	12	56	23/27	0,61	3	103,75
AKUPLUS XN ACOUSTIC WS 29/38	VSG 44.1 / 16 / 4	VSG	Planitherm XN	29	30	Ar	0,19	38	-2	-6				60	81	12	55	22/27	0,60	3	123,75
AKUPLUS XN ACOUSTIC WS 30/39	VSG 44.22 / 16 / 4	VSG	Planitherm XN	30	30	Ar	0,19	39	-2	-5				58	80	12	53	19/27	0,58	0	300
AKUPLUS XN ACOUSTIC WS 31/39	VSG 4.4.1 / 16 / 6	VSG	Planitherm XN	31	35	Ar	0,19	39	-1	-4				60	80	12	54	22/25	0,60	3	173,75
AKUPLUS XN ACOUSTIC WS 32/40	VSG 4.4.22 / 16 / 6	VSG	Planitherm XN	32	35	Ar	0,19	40	-1	-4				58	80	12	52	19/25	0,58	0	350
AKUPLUS XN ACOUSTIC WS 33/41	VSG 5.5.2 / 16 / 6	VSG	Planitherm XN	33	40	Ar	0,19	41	-1	-5				58	79	12	52	19/25	0,58	3	275
AKUPLUS XN ACOUSTIC WS-Si 27/37	VSG-Si 4.4.2 / 14 / 4	VSG-Si	Planitherm XN	27	30	Ar	0,19				37	-1	-5	59	80	12	54	20/27	0,59	1	225
AKUPLUS XN ACOUSTIC WS-Si 29/39	VSG-Si 4.4.2 / 16 / 4	VSG-Si	Planitherm XN	29	30	Ar	0,19	39	-2	-5				59	80	12	54	20/27	0,59	1	225
AKUPLUS XN ACOUSTIC WS-Si 31/42	VSG-Si 4.4.2 / 16 / 6	VSG-Si	Planitherm XN	31	35	Ar	0,19	42	-2	-7				59	80	12	53	20/25	0,59	1	287,5
AKUPLUS XN ACOUSTIC WS-Si 34/44	VSG-Si 4.4.2 / 16 / VSG-Si 4.4.2	VSG-Si	VSG-Si	34	45	Ar	0,19				44	-3	-8	59	79	12	51	20/20	0,59	0	712,5
AKUPLUS XN ACOUSTIC WS-Si 38/46	VSG-Si 4.4.2 / 20 / VSG-Si 4.4.2	VSG-Si	VSG-Si	38	45	Ar	0,19				46	-4	-9	59	79	12	51	20/20	0,59	0	725
AKUPLUS XN ACOUSTIC WS-Si 38/48	VSG-Si 6.6.2 / 16 / VSG-Si 4.4.2	VSG-Si	VSG-Si	38	50	Ar	0,19				48	-3	-8	57	78	12	49	18/20	0,57	0	875
AKUPLUS XN ACOUSTIC WS-Si 46/51	VSG-Si 6.6.2 / 24 / VSG-Si 4.4.2	VSG-Si	VSG-Si	46	50	Ar	0,19				51	-3	-8	57	78	12	49	18/20	0,57	0	906,25
<b>SAFETY &amp; SECURITY LAYERED/LAMINATED</b>																					
AKUPLUS XN SAFE	VSG 33.1 / 16 / 4	VSG	Planitherm XN	27	25	Ar	0,19	<b>36</b>	-1	-5				61	81	12	56	23/27	0,61	3	103,75
AKUPLUS XN SAFE P2A	VSG 33.2 / 16 / 4	VSG	Planitherm XN	27	25	Ar	0,19				34	-1	-5	60	81	12	55	21/27	0,60	1	137,5
AKUPLUS XN SAFE P4A	VSG 33.22 / 16 / 4	VSG	Planitherm XN	28	25	Ar	0,19				34	-1	-5	59	81	12	54	19/27	0,59	0	275
AKUPLUS XN SAFE P2A	VSG 33.2 / 16 / 6	VSG	Planitherm XN	29	30	Ar	0,19				34	-2	-5	60	80	12	54	21/25	0,60	1	137,5
AKUPLUS XN SAFE	VSG 44.1 / 16 / 4	VSG	Planitherm XN	29	30	Ar	0,19	<b>38</b>	-2	-6				60	81	12	55	22/27	0,60	3	123,75
AKUPLUS XN SAFE P2A	VSG 44.2 / 16 / 4	VSG	Planitherm XN	29	30	Ar	0,19				36	-2	-6	59	80	12	54	20/27	0,59	1	162,5
AKUPLUS XN SAFE P4A	VSG 44.22 / 16 / 4	VSG	Planitherm XN	30	30	Ar	0,19	<b>39</b>	-2	-5				58	80	12	53	19/27	0,58	0	300
AKUPLUS XN SAFE P2A	VSG 44.2 / 16 / 6	VSG	Planitherm XN	31	35	Ar	0,19				36	-2	-5	59	80	12	53	20/25	0,59	1	162,5

SAFETY & SECURITY HARDENED																					
AKUPLUS XN SECURIT 2x1C3	4 / 16 / 4	ESG	ESG LowE	24	20	Ar	0,19	30	-1	-3				65	82	12	60	28/27	0,65	50	200
AKUPLUS XN SECURIT 2x1C2	6 / 16 / 6	ESG	ESG LowE	26	30	Ar	0,19				31	-2	-5	64	81	12	58	26/26	0,64	45	250
CONTRAFLAME - FIRE RESISTANT SAFETY GLASS																					
AKUPLUS XN PYROSTOP	7 / 16 / 4	Armored glass O400	Planitherm XN	27	28	Ar	0,19														312,5
AKUPLUS XN PYROSTOP	7 / 16 / 4	Armored glass polished	Planitherm XN	27	28	Ar	0,19														350
CLIMAPLUS XN PYROSWISS	6 / 16 / 6	Pyroswiss 6	Planitherm XN	28	30	Ar	0,19							62	81	12	57	23/27	0,62	35	1125
CLIMAPLUS XN VETROFLAM 30	6 / 16 / 6	Vetroflam 6	Planitherm XN	28	30	Ar	0,19								74						1375
CLIMAPLUS XN VETROFLAM 60	6 / 16 / 6	Vetroflam 6	Planitherm XN	28	30	Ar	0,19								74						1750
CLIMAPLUS XN CONTRAFLAM DOOR LITE 30	11 / 16 / 4	Contraflam Lite 13	Planitherm XN	31	40	Ar	0,19								78						1500
CLIMAPLUS XN CONTRAFLAM LITE 30	13 / 16 / 4	Contraflam Lite 13	Planitherm XN	33	43	Ar	0,19								78						1875
CLIMAPLUS XN CONTRAFLAM LITE 60	14 / 16 / 4	Contraflam Lite 14	Planitherm XN	34	45	Ar	0,19								77						2000
CLIMAPLUS XN CONTRAFLAM 30	16 / 16 / 4	Contraflam 16	Planitherm XN	36	50	Ar	0,19								77						2625
CLIMAPLUS XN CONTRAFLAM 45	20 / 16 / 4	Contraflam 20	Planitherm XN	40	60	Ar	0,19								74						2875
CLIMAPLUS XN CONTRAFLAM 60	24 / 16 / 4	Contraflam 24	Planitherm XN	44	70	Ar	0,19								74						4250
CLIMAPLUS XN CONTRAFLAM 90	36 / 16 / 4	Contraflam 36	Planitherm XN	56	100	Ar	0,19								72						7875
SOLARCONTROL - PLANIBEL (AGC)																					
AKUPLUS SOLARCONTROL PB BRONZ 55/46	4 / 16 / 4	Planibel Bronz	Low-E	24	20	Ar	0,19				30	-1	-4	46	55	8	39	17/NPD	0,46	18	62,5
AKUPLUS SOLARCONTROL PB BRONZ 45/38	6 / 16 / 4	Planibel Bronz	Low-E	26	25	Ar	0,19				36	-1	-5	38	45	7	32	13/NPD	0,38	12	87,5
AKUPLUS SOLARCONTROL PB GREY 51/44	4 / 16 / 4	Planibel Grey	Low-E	24	20	Ar	0,19				30	-1	-4	44	51	7	37	16/NPD	0,44	20	62,5
AKUPLUS SOLARCONTROL PB GREY 39/36	6 / 16 / 4	Planibel Grey	Low-E	26	25	Ar	0,19				36	-1	-5	36	39	6	30	12/NPD	0,36	14	87,5
AKUPLUS SOLARCONTROL PB GREEN 71/45	4 / 16 / 4	Planibel Green	Low-E	24	20	Ar	0,19				30	-1	-4	45	71	10	39	11/NPD	0,45	19	62,5
AKUPLUS SOLARCONTROL PB GREEN 65/39	6 / 16 / 4	Planibel Green	Low-E	26	25	Ar	0,19				36	-1	-5	39	65	10	33	8/NPD	0,39	14	87,5
AKUPLUS SOLARCONTROL PB AZUR 65/42	6 / 16 / 4	Planibel Azur	Low-E	26	25	Ar	0,19				36	-1	-5	42	65	10	36	10/NPD	0,42	24	218,75
AKUPLUS SOLARCONTROL PB PRIVA BLUE 31/21	6 / 16 / 4	Planibel Priva Blue	Low-E	26	25	Ar	0,19				36	-1	-5	21	31	6	16	5/NPD	0,21	11	237,5
AKUPLUS SOLARCONTROL PB DARK BLUE 52/35	6 / 16 / 4	Planibel Dark Blue	Low-E	26	25	Ar	0,19				36	-1	-5	35	52	8	30	8/NPD	0,35	19	237,5
SOLAR CONTROL- STOPSOL (AGC)																					
AKUPLUS SOLARCONTROL SC CLEAR 35/33	4 / 16 / 4	Stopsol CI Clear	Low-E	24	20	Ar	0,19				30	-1	-4	33	35	35	28	41/NPD	0,33	13	100
AKUPLUS SOLARCONTROL SC CLEAR 34/32	6 / 16 / 4	Stopsol CI Clear	Low-E	26	25	Ar	0,19				36	-1	-5	32	34	35	27	40/NPD	0,32	12	143,75
AKUPLUS SOLARCONTROL SC BRONZ 24/25	4 / 16 / 4	Stopsol CI Bronz	Low-E	24	20	Ar	0,19				30	-1	-4	25	24	34	20	36/NPD	0,25	6	100
AKUPLUS SOLARCONTROL SC BRONZ 19/21	6 / 16 / 4	Stopsol CI Bronz	Low-E	26	25	Ar	0,19				36	-1	-5	21	19	34	16	33/NPD	0,21	4	143,75
AKUPLUS SOLARCONTROL SC GREY 22/23	4 / 16 / 4	Stopsol CI Grey	Low-E	24	20	Ar	0,19				30	-1	-4	23	22	34	19	35/NPD	0,23	6	100
AKUPLUS SOLARCONTROL SC GREY 17/19	6 / 16 / 4	Stopsol CI Grey	Low-E	26	25	Ar	0,19				36	-1	-5	19	17	34	15	32/NPD	0,19	5	143,75
AKUPLUS SOLARCONTROL SC GREEN 30/22	4 / 16 / 4	Stopsol CI Green	Low-E	24	20	Ar	0,19				30	-1	-4	22	30	35	18	31/NPD	0,22	6	100
AKUPLUS SOLARCONTROL SC GREEN 28/19	6 / 16 / 4	Stopsol CI Green	Low-E	26	25	Ar	0,19				36	-1	-5	19	28	35	15	29/NPD	0,19	4	143,75
AKUPLUS SOLARCONTROL SSS CLEAR 57/46	6 / 16 / 4	Stopsol SS Clear	Low-E	26	25	Ar	0,19				36	-1	-5	46	57	37	40	41/NPD	0,46	22	125
AKUPLUS SOLARCONTROL SSS GREY 26/25	6 / 16 / 4	Stopsol SS Grey	Low-E	26	25	Ar	0,19				36	-1	-5	25	26	35	20	31/NPD	0,25	8	162,5
AKUPLUS SOLARCONTROL SSS GREEN 46/28	6 / 16 / 4	Stopsol SS Green	Low-E	26	25	Ar	0,19				36	-1	-5	28	46	36	23	29/NPD	0,28	8	162,5
AKUPLUS SOLARCONTROL SSS	6 / 16 / 4	Stopsol SS Dark Blue	Low-E	26	25	Ar	0,19				36	-1	-5	25	36	35	21	28/NPD	0,25	11	237,5
SOLAR CONTROL- COOL LITE																					
AKUPLUS COOL-LITE SKN 165 61/34	6 / 16 / 4	Cool Lite SKN 165	Float	26	25	Ar	0,18	34	-1	-4				34	61	16	32	37/43	0,34	21	250
AKUPLUS COOL-LITE SKN 174 69/41	6 / 16 / 4	Cool Lite SKN 174	Float	26	25	Ar	0,19	34	-1	-4				41	69	11	39	31/36	0,28	28	250
AKUPLUS COOL-LITE XTREME 60/28	6 / 16 / 4	XTREME 60/28	Float	26	25	Ar	0,18	34	-1	-4				28	60	14	26	42/49	0,41	15	312,5

TRIPLE PANE	composition	exterior mm	interior mm	width mm	weight kg/m2	gas	Btu (IT)/h/ft²/°F	Rw certifi. dB	correction		Rw simulat. dB	correction		SGHC solar factor %	Lt light trans. %	Lr light reflection %	Solar energy trans. τ	Solar energy reflection ρ	Shading coef.	UV %	Additional charge %
									C	Ctr		C	Ctr								
									dB	dB		dB	dB								
<b>THERMAL/HEAT ISOLATION</b>																					
AKUTOP XN 28/0.8 Ar	4 / 08 / 4 / 08 / 4	Planitherm XN	Planitherm XN	28	30	Ar	0,18				27	0	-3	54	74	14	48	32/32	0,54	24	50
AKUTOP XN 32/0.8 Ar	4 / 10 / 4 / 10 / 4	Planitherm XN	Planitherm XN	32	30	Ar	0,14				28	-1	-4	54	74	14	48	32/32	0,54	24	50
AKUTOP XN 36/0.7 Ar	4 / 12 / 4 / 12 / 4	Planitherm XN	Planitherm XN	36	30	Ar	0,12	31	-1	-5				54	74	14	48	32/32	0,54	24	50
AKUTOP XN 40/0.6 Ar	4 / 14 / 4 / 14 / 4	Planitherm XN	Planitherm XN	40	30	Ar	0,11				29	-2	-5	54	74	14	48	32/32	0,54	24	50
AKUTOP XN 42/0.6 Ar	4 / 16 / 4 / 14 / 4	Planitherm XN	Planitherm XN	42	30	Ar	0,11				29	-1	-6	54	74	14	48	32/32	0,54	24	50
AKUTOP XN 44/0.6 Ar	4 / 16 / 4 / 16 / 4	Planitherm XN	Planitherm XN	44	30	Ar	0,11	32	-2	-5	30	-2	-6	54	74	14	48	32/32	0,54	24	50
AKUTOP XN 48/0.5 Ar	4 / 18 / 4 / 18 / 4	Planitherm XN	Planitherm XN	48	30	Ar	0,09				30	-2	-6	54	74	14	48	32/32	0,54	24	50
AKUTOP XN 40/0.7 Ar	6 / 12 / 4 / 12 / 6	Planitherm XN	Planitherm XN	40	40	Ar	0,12	35	-1	-5				53	73	14	46	31/31	0,53	22	50
AKUTOP XN 44/0.6 Ar	6 / 14 / 4 / 14 / 6	Planitherm XN	Planitherm XN	44	40	Ar	0,11				34	-3	-7	53	73	14	46	31/31	0,53	22	50
AKUTOP XN 48/0.6 Ar	6 / 16 / 4 / 16 / 6	Planitherm XN	Planitherm XN	48	40	Ar	0,11				35	-4	-8	53	73	14	46	31/31	0,53	22	50
AKUTOP XN 52/0.5 Ar	6 / 18 / 4 / 18 / 6	Planitherm XN	Planitherm XN	52	40	Ar	0,09				35	-4	-8	53	73	14	46	31/31	0,53	22	50
AKUTOP XN 50/0.6 Ar	6 / 16 / 6 / 16 / 6	Planitherm XN	Planitherm XN	50	45	Ar	0,11				33	-3	-7	53	73	14	45	30/30	0,53	22	50
AKUTOP ONE 44/0.5 Ar	4 / 16 / 4 / 16 / 4	Planitherm ONE	Planitherm ONE	44	30	Ar	0,09	32	-2	-5				38	59	32	33	48/48	0,37	16	100
AKUTOP ONE 48/0.5 Ar	6 / 16 / 6 / 16 / 6	Planitherm ONE	Planitherm ONE	48	40	Ar	0,09				35	-4	-8	37	58	32	32	46/46	0,37	15	100
AKUTOP ONE 50/0.5 Ar	7 / 16 / 4 / 16 / 6	Planitherm ONE	Planitherm ONE	50	40	Ar	0,09				33	-3	-7	37	57	32	31	45/45	0,37	14	100
AKUTOP LUX 62 36/0.8	4 / 12 / 4 / 12 / 4	Planitherm LUX	Planitherm LUX	36	30	Ar	0,14	31	-1	-5				62	73	17	54	22/22	0,62	21	75
AKUTOP LUX 62 40/0.7	4 / 14 / 4 / 14 / 4	Planitherm LUX	Planitherm LUX	40	30	Ar	0,12				29	-2	-5	62	73	17	54	22/22	0,62	21	75
AKUTOP LUX 62 44/0.7	4 / 16 / 4 / 16 / 4	Planitherm LUX	Planitherm LUX	44	30	Ar	0,12	32	-2	-5				62	73	17	54	22/22	0,62	21	75
AKUTOP LUX 62 48/0.6	4 / 18 / 4 / 18 / 4	Planitherm LUX	Planitherm LUX	48	30	Ar	0,11				30	-2	-6	62	73	17	54	22/22	0,62	21	75
AKUTOP LUX 60 40/0.8	6 / 12 / 4 / 12 / 6	Planitherm LUX	Planitherm LUX	40	40	Ar	0,14	35	-1	-5				61	72	17	52	21/21	0,61	19	75
AKUTOP LUX 60 44/0.7	6 / 14 / 4 / 14 / 6	Planitherm LUX	Planitherm LUX	44	40	Ar	0,12				34	-3	-7	61	72	17	52	21/21	0,61	19	75
AKUTOP LUX 60 48/0.7	6 / 16 / 4 / 16 / 6	Planitherm LUX	Planitherm LUX	48	40	Ar	0,12				35	-3	-8	61	72	17	52	21/21	0,61	19	75
AKUTOP LUX 60 52/0.6	6 / 18 / 4 / 18 / 6	Planitherm LUX	Planitherm LUX	52	40	Ar	0,11				35	-4	-8	61	72	17	52	21/21	0,61	19	75
<b>SOUNDPROOF</b>																					
AKUTOP XN WS 38/36	6 / 12 / 4 / 12 / 4	Planitherm XN	Planitherm XN	38	35	Ar	0,12	36	-1	-5				53	74	16	47	31/33	0,53	23	
AKUTOP XN WS 42/39	8 / 12 / 4 / 12 / 6	Planitherm XN	Planitherm XN	42	45	Ar	0,12	39	-1	-5				52	73	16	46	29/31	0,52	22	
AKUTOP XN WS 44/40	10 / 12 / 4 / 12 / 6	Planitherm	Planitherm XN	44	50	Ar	0,12	40	-1	-3				53	73	15	45	28/31	0,53	26	
AKUTOP XN SILENCE WS-Si 42/42	6 / 12 / 4 / 12 / VSG-Si 4.4.1	Planitherm XN	VSG-Si	42	45	Ar	0,12	42	-1	-5				53	73	16	44	31/26	0,53	2	
AKUTOP XN SILENCE WS-Si 44/45	8 / 12 / 4 / 12 / VSG-Si 4.4.1	Planitherm XN	VSG-Si	45	50	Ar	0,12	45	-2	-6				52	72	16	43	29/26	0,52	2	
AKUTOP XN SILENCE WS-Si 44/47	VSG-Si 4.4.1/12/4/12/VSG-Si 4.4.1	VSG-Si	VSG-Si	46	50	Ar	0,12	47	-2	-6				50	72	16	43	26/26	0,50	1	
AKUTOP XN SILENCE WS-Si 50/50	VSG-Si 6.6.1/12/6/12/VSG-Si 4.4.1	Planitherm	VSG-Si	52	65	Ar	0,12	50	-2	-6				50	71	15	41	24/26	0,50	1	
<b>SAFETY &amp; SECURITY</b>																					
AKUTOP XN 2B2 (331)	VSG 33.1 / 16 / 4 / 16 / 4	VSG Low-E	Planitherm XN	47	35	Ar	0,11				34	-1	-6	51	74	16	46	28/33	0,51	2	
AKUTOP XN P2A (332)	VSG 33.2 / 16 / 4 / 16 / 4	VSG Low-E	Planitherm XN	47	35	Ar	0,11				35	-2	-6	50	74	16	45	26/33	0,50	1	
AKUTOP XN 2B2 (441)	VSG 44.1 / 16 / 4 / 16 / 4	VSG Low-E	Planitherm XN	49	40	Ar	0,11				37	-2	-7	50	73	16	45	26/33	0,50	2	
AKUTOP XN P2A (442)	VSG 44.2 / 16 / 4 / 16 / 4	VSG Low-E	Planitherm XN	49	40	Ar	0,11				37	-2	-6	50	73	16	44	25/33	0,50	1	
AKUTOP XN P2A (4422)	VSG 44.22 / 16 / 4 / 16 / 4	VSG Low-E	Planitherm XN	50	40	Ar	0,11				38	-2	-6	49	73	16	43	23/33	0,49	0	
<b>SOLARCONTROL</b>																					
AKUTOP SOLARCONTROL PB Bronz 48/38	4 / 16 / 4 / 16 / 4	Planibel Bronz	Low-e	44	30	Ar	0,11				33	-2	-6	38	48	10	29	20/NPD	0,38	7	
50/39	6 / 16 / 4 / 16 / 4	SS Clear	Low-e	46	35	Ar	0,11				36	-2	-6	39	50	39	30	44/NPD	0,39	8	
AKUTOP COOL LITE 174 N 63/37	6 / 16 / 4 / 16 / 4	Cool-Lite SKN 174	Planitherm XN	46	35	Ar	0,11				34	-1	-6	37	63	13	33	33/37	0,37	18	250
AKUTOP COOL LITE X-Treme 55/26	6 / 16 / 4 / 16 / 4	Cool-Lite X-Treme 60/28	Planitherm XN	46	35	Ar	0,11				34	-1	-6	26	55	16	23	43/45	0,26	10	312,5
<b>BLINDS ScreenLine SL22</b>																					
AKUTOP XN Screenline SL 22	4 / 12 / 4 / 22 / 4	Planitherm XN	Float	46		Ar	0,12							50	74	14	44	35/34	0,50	22	

**TECHNICAL ABBREVIATION:**

- BTu : thermal transmittance of glazing coefficient
- Rw : sound transmission of glazing
- SHGC: Solar Heat Gain Coefficient
- Lt : light transmission into the interior
- Lr : light reflection into the exterior
- SC : shading coefficient
- UV : UV transmission into the interior

**CORRECTION Rw by identifying resources - C, Ctr**

rail transport with medium and high speed highway jet planes at a small distance factories with mostly medium and high frequency	C
rail transport with low speed city transport jet planes at a large distance factories with mostly low and medium frequencies Dance Music	Ctr

**SAFETY STANDARDS:**

EN 12600	health protection
EN 356	resistance against throwing objects (Class A)
EW, E	Fire protection (in minutes)
EI	Fire security (in minutes)