

ISOLAR Mehrscheiben-Isolierglas
 Betriebe der ISOLAR Gruppe (siehe www.isolar.de)
 2011



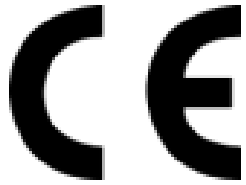
EN 1279-5
 Insulating glass units

SOLARLUX

Characteristics:		helios 73/50	platin 71/42	nordic 70/37	neutral 66/36	polaris 65/36	neutral 61/34
Resistance to fire		npd	npd	npd	npd	npd	npd
Reaction to fire		A1	A1	A1	A1	A1	A1
External fire performance		npd	npd	npd	npd	npd	npd
Bullet resistance		npd	npd	npd	npd	npd	npd
Explosion resistance		npd	npd	npd	npd	npd	npd
Burglar resistance		npd	npd	npd	npd	npd	npd
Pendulum body impact resistance		npd	npd	npd	npd	npd	npd
Resistance against sudden temperature changes and temperature differentials	K	npd	npd	npd	npd	npd	npd
Wind, snow, permanent and imposed load resistance	mm	6-15/16-4	6-15/16-4	6-15/16-4	6-15/16-4	6-15/16-4	6-15/16-4
Direct airborne sound insulation	dB	npd	npd	npd	npd	npd	npd
Thermal properties							
Emissivity		0,03	0,03	0,01	0,01	0,03	0,03
U-value	W/m ² K	1,1	1,1	1,0	1,0	1,1	1,1
Radiation properties							
Light transmission	%	73	71	70	66	65	61
Light reflection	%	16	11	14	15	12	14
Solar energy transmission	%	47	39	35	33	33	31
Solar energy reflection	%	32	29	31	33	29	28
Solar factor	%	50	42	37	36	36	34
Dangerous substances		-	-	-	-	-	-

NPD: No performance determined

30000



ISOLAR Mehrscheiben-Isolierglas
 Betriebe der ISOLAR Gruppe (siehe www.isolar.de)
 2011



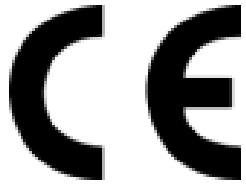
EN 1279-5
 Insulating glass units

SOLARLUX

Characteristics:		neutral 60/33	crystal 60/32	silber-light 57/46	scandic 53/27	arctis 52/27	silber 50/32
Resistance to fire		npd	npd	npd	npd	npd	npd
Reaction to fire		A1	A1	A1	A1	A1	A1
External fire performance		npd	npd	npd	npd	npd	npd
Bullet resistance		npd	npd	npd	npd	npd	npd
Explosion resistance		npd	npd	npd	npd	npd	npd
Burglar resistance		npd	npd	npd	npd	npd	npd
Pendulum body impact resistance		npd	npd	npd	npd	npd	npd
Resistance against sudden temperature changes and temperature differentials	K	npd	npd	npd	npd	npd	npd
Wind, snow, permanent and imposed load resistance	mm	6-15/16-4	6-15/16-4	6-15/16-4	6-15/16-4	6-15/16-4	6-15/16-4
Direct airborne sound insulation	dB	npd	npd	npd	npd	npd	npd
Thermal properties							
Emissivity		0,02	0,02	0,03	0,01	0,02	0,01
U-value	W/m ² K	1,1	1,1	1,1	1,0	1,1	1,0
Radiation properties							
Light transmission	%	60	60	57	53	52	50
Light reflection	%	11	16	38	17	30	39
Solar energy transmission	%	30	30	42	25	25	29
Solar energy reflection	%	29	37	39	34	44	43
Solar factor	%	33	32	46	27	27	32
Dangerous substances		-	-	-	-	-	-

NPD: No performance determined

30000



ISOLAR Mehrscheiben-Isolierglas
 Betriebe der ISOLAR Gruppe (siehe www.isolar.de)
 2011



EN 1279-5
 Insulating glass units

SOLARLUX

Characteristics:		neutral 50/27	neutral 40/24	atlantis 40/22	silber 40/21	silber-blau 38/26	ocean 35/19
Resistance to fire		npd	npd	npd	npd	npd	npd
Reaction to fire		A1	A1	A1	A1	A1	A1
External fire performance		npd	npd	npd	npd	npd	npd
Bullet resistance		npd	npd	npd	npd	npd	npd
Explosion resistance		npd	npd	npd	npd	npd	npd
Burglar resistance		npd	npd	npd	npd	npd	npd
Pendulum body impact resistance		npd	npd	npd	npd	npd	npd
Resistance against sudden temperature changes and temperature differentials	K	npd	npd	npd	npd	npd	npd
Wind, snow, permanent and imposed load resistance	mm	6-15/16-4	6-15/16-4	6-15/16-4	6-15/16-4	6-15/16-4	6-15/16-4
Direct airborne sound insulation	dB	npd	npd	npd	npd	npd	npd
Thermal properties							
Emissivity		0,01	0,01	0,03	0,01	0,03	0,01
U-value	W/m ² K	1,0	1,0	1,1	1,0	1,1	1,0
Radiation properties							
Light transmission	%	50	40	40	40	38	35
Light reflection	%	18	16	21	33	32	26
Solar energy transmission	%	25	21	19	19	15	16
Solar energy reflection	%	31	36	36	46	19	35
Solar factor	%	27	24	22	21	26	19
Dangerous substances		-	-	-	-	-	-

NPD: No performance determined

30000