



REFLEX

REFLEX d.o.o.
Podgrad 4, 9250 Gornja Radgona, Slovenija
07

EN 1279 – 5
Insulating Glass Unit
intended to be used in buildings and construction works

RX SUN (Glass configuration in mm)	GREEN 6/16 Ar/4	GREY 6/16 Ar/4	BRONZE 6/16 Ar/4	SSSC 6/16 Ar/4	SSSGy 6/16 Ar/4	SSSGn 6/16 Ar/4
Characteristics:						
Safety in case of fire: Resistance to fire (EN 13501-2) Reaction to fire (EN 13501-1) External fire performance	NPD A1 NPD	NPD A1 NPD	NPD A1 NPD	NPD A1 NPD	NPD A1 NPD	NPD A1 NPD
For uses as anti-bullet or anti-explosion glazing: Bullet resistance (EN 1063) Explosion resistance (EN 13541)	NPD NPD	NPD NPD	NPD NPD	NPD NPD	NPD NPD	NPD NPD
For uses liable to present „safety-in-use“ risks and subject to such regulations: Burglar resistance (EN 356) Pendulum body impact resistance (EN 12600) Resistance against sudden temperature changes and temperature differentials Wind, snow, permanent and imposed load resistance	NPD NPD K 40 mm 6	NPD NPD 40 6	NPD NPD 40 6	NPD NPD 40 6	NPD NPD 40 6	NPD NPD 40 6
Noise reduction: Direct airborne sound insulation (EN 12758) $R_w (C, C_{tr})$ dB	36(-2,-5)	36(-2,-5)	36(-2,-5)	36(-2,-5)	36(-2,-5)	36(-2,-5)
For uses relating to energy conservation						
Thermal / Radiation properties:						
U – value (EN 673)	W/(m ² K)	1,1	1,1	1,1	1,1	1,1
Light transmission (EN 410)	%	66	39	44	56	46
Light reflection (EN 410)	%	10	6	7	37	36
Solar energy transmission (EN 410)	%	33	27	29	42	24
Solar energy reflection (EN 410)	%	9	12	12	40	28
g – vrijednost (EN 410)	%	40	34	35	48	29
NPD = no performance declared : Low-e coating						



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RX SUN (Glass configuration in mm)		SSSDB 6/16 Ar/4	SCC 6/16 Ar/4	SCB 6/16 Ar/4	Neutral 68/34 6:/16 Ar/4	Neutral 52/29 6:/16 Ar/4	Platin 47/28 6:/16 Ar/4
Characteristics:							
Safety in case of fire:							
Resistance to fire (EN 13501-2)		NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire (EN 13501-1)		A1	A1	A1	A1	A1	A1
External fire performance		NPD	NPD	NPD	NPD	NPD	NPD
For uses as anti-bullet or anti-explosion glazing:							
Bullet resistance (EN 1063)		NPD	NPD	NPD	NPD	NPD	NPD
Explosion resistance (EN 13541)		NPD	NPD	NPD	NPD	NPD	NPD
For uses label to present „safety-in-use“ risks and subject to such regulations:							
Burglar resistance (EN 356)		NPD	NPD	NPD	NPD	NPD	NPD
Pendulum body impact resistance (EN 12600)		NPD	NPD	NPD	NPD	NPD	NPD
Resistnace against sudden temperature changes and temperature differentials	K	40	40	40	40	40	40
Wind, snow, permanent and imposed load resistance	mm	6	6	6	6	6	6
Noise reduction:							
Direct airborne sound insulation (EN 12758) R_w (C,C _{tr}) dB		36(-2,-5)	36(-2,-5)	36(-2,-5)	36(-2,-5)	36(-2,-5)	36(-2,-5)
For uses relating to energy conservation							
Thermal / Radiation properties:							
U – value (EN 673)	W/(m ² K)	1,1	1,1	1,1	1,1	1,2	1,1
Light transmission (EN 410)	%	37	34	19	68	52	47
Light reflection (EN 410)	%	32	35	34	10	10	40
Solar energy transmission (EN 410)	%	22	28	17	34	27	27
Solar energy reflection (EN 410)	%	26	39	33	33	26	42
g – vrijednost (EN 410)	%	28	34	23	37	31	29
NPD = no performance declared							
: Low-e coating							



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RX SUN
(Glass configuration in mm)

Neutral 50/25
6:/16 Ar/4Natura 67/34
6:/16 Ar/4Vision 50 T
6:/16 Ar/4Lime 61 T
6:/16 Ar/4Titanium 37 T
6:/16 Ar/4Indigo 48 T
6:/16 Ar/4**Characteristics:****Safety in case of fire:**

Resistance to fire (EN 13501-2)
Reaction to fire (EN 13501-1)
External fire performance

NPD
A1
NPDNPD
A1
NPDNPD
A1
NPDNPD
A1
NPDNPD
A1
NPDNPD
A1
NPD**For uses as anti-bullet or anti-explosion glazing:**

Bullet resistance (EN 1063)
Explosion resistance (EN 13541)

NPD
NPDNPD
NPDNPD
NPDNPD
NPDNPD
NPDNPD
NPD**For uses label to present „safety-in-use“ risks and subject to such regulations:**

Burglar resistance (EN 356)
Pendulum body impact resistance (EN 12600)
Resistance against sudden temperature changes and temperature differentials
Wind, snow, permanent and imposed load resistance

NPD
NPDNPD
NPDNPD
1(C)1NPD
1(C)1NPD
1(C)1NPD
1(C)1

K

40

40

200

200

200

200

mm

6

6

6

6

6

6

Noise reduction:Direct airborne sound insulation (EN 12758) R_w (C,C_{tr}) dB

36(-2,-5)

36(-2,-5)

36(-2,-5)

36(-2,-5)

36(-2,-5)

36(-2,-5)

For uses relating to energy conservation

Thermal / Radiation properties:

	W/(m ² K)						
U – value (EN 673)	W/(m ² K)	1,1	1,1	1,1	1,1	1,1	1,1
Light transmission (EN 410)	%	50	67	50	61	37	48
Light reflection (EN 410)	%	10	11	20	10	6	8
Solar energy transmission (EN 410)	%	23	34	28	28	22	25
Solar energy reflection (EN 410)	%	24	31	35	9	14	9
g – vrijednost (EN 410)	%	27	37	32	33	28	30

NPD = no performance declared

: Low-e coating