

SilverScreen 2% Low-E

Semi Transparent Metallised Screens



Flame Retardant



Roller Blinds



Panel Tracks



Verticals

The ultimate low-E solution for solar protection and light control

Best performing solar screen

- Highest solar reflectance of 82% provides superb heat and light control
- Lowest-E fabric provides excellent insulation properties
- Openness factor of 2% provides clear view-through
- Excellent solution to reduce cooling and heating requirements in buildings
- g-value can be equal to external blinds, but internal blinds save money on maintenance costs
- Energy savings and indoor application result in low total cost of ownership
- Flame retardant

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Specification details

Composition	PVC coated glass fibre
Weight	400 g/m ²
Thickness	0.50mm
Flame retardant	NFP 92503 specification M1, NFPA 701, BS 5867 Part 2 Type B, AS 1530, EN13501
Openness factor	2%
Light transmission, colour ED01	3%
Transmission solar radiation	3%
Reflection solar radiation	82%
IR emissivity of metal side	0.05
Aluminium adhesion	ISO 2409 classification 0
Colourfastness	ISO105-B02: > 7
Environment	Greenguard Gold, Formaldehyde free; HPD (Health Product Declaration, USA)

Technical details

	White ED01	Beige ED02	L. Grey ED03	Steel Grey EC02	Bronze EB03	D. Grey EB02	Black EB01
Solar reflection outside	82%	82%	82%	82%	81%	81%	81%
Light Transmission (LT)	3%	3%	3%	3%	3%	3%	3%
Openness Factor (OF)	2%	2%	2%	2%	2%	2%	2%
IR emissivity metal side	0.05	0.05	0.05	0.07	0.10	0.10	0.10
Colour rendering index (Ra)	100	100	100	100	100	100	99

High Performance Glazing (reference glazing D EN14501)	Performance of Glazing	White ED01	Beige ED02	L. Grey ED03	Steel Grey EC02	Bronze EB03	D. Grey EB02	Black EB01
Light Transmission (LT)	60%	2%	2%	2%	2%	2%	2%	2%
g-value / SHGC	32%	12%	12%	12%	12%	13%	13%	13%
U-value (W/m ² K)	1.1	0.7	0.7	0.7	0.7	0.7	0.7	0.7

Insulating Glazing (reference glazing C EN14501)	Performance of Glazing	White ED01	Beige ED02	L. Grey ED03	Steel Grey EC02	Bronze EB03	D. Grey EB02	Black EB01
Light Transmission (LT)	79%	3%	3%	3%	3%	3%	3%	3%
g-value / SHGC	59%	22%	22%	22%	23%	24%	24%	24%
U-value (W/m ² K)	1.2	0.7	0.7	0.7	0.7	0.7	0.7	0.7

Colour Range



For more information or updates please refer to www.verosol.com/specifications