

# SilverScreen 4%

## Semi Transparent Metallised Screens



Flame Retardant



Roller Blinds



Panel Tracks



Verticals

## Our most popular solution for solar protection and light control

### Top performing solar screen

- High solar reflectance of 77% provides superb heat and light control
- Openness factor of 4% provides clear view-through
- Excellent solution to reduce cooling and heating requirements in buildings
- Energy savings and indoor application result in low total cost of ownership
- Flame retardant
- **Available in a width up to 3.2 meter**

# SilverScreen 4%

## Semi Transparent Metallised Screens

### Specification details

Composition	PVC coated glass fibre
Weight	400 g/m <sup>2</sup>
Thickness	0.5 mm
Flame retardant	NFP 92503 specification M1, NFPA 701, BS 5867 Part 2 Type B, AS 1530
Openness factor	4%
Light transmission, colour ED01	6%
Transmission solar radiation	6%
Reflection solar radiation	77%
IR emissivity of metal side	0.16
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	Dark Beige ED04	Bronze EB03	Choc. Brown EB04	Light Grey ED03	Misty Grey EC01	Steel Grey EC02	Dark Grey EB02	Black EB01
Solar reflection outside	77%	76%	76%	75%	76%	77%	75%	76%	76%	76%
Light Transmission (LT)	6%	5%	5%	5%	4%	5%	5%	5%	4%	4%
Openness Factor (OF)	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
IR emissivity metal side	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
Colour rendering index (Ra)	100	99	99	99	100	99	100	100	99	99

High Performance Glazing (reference glazing D EN14501)	Performance of Glazing	White ED01	Beige ED02	Dark Beige ED04	Bronze EB03	Choc. Brown EB04	Light Grey ED03	Misty Grey EC01	Steel Grey EC02	Dark Grey EB02	Black EB01
Light Transmission (LT)	60%	4%	4%	4%	4%	3%	4%	3%	4%	3%	3%
g-value / SHGC	32%	14%	14%	14%	14%	14%	14%	14%	14%	14%	14%
U-value (W/m <sup>2</sup> K)	1.1	0.7	0.7	0.7	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	Dark Beige ED04	Bronze EB03	Choc. Brown EB04	Light Grey ED03	Misty Grey EC01	Steel Grey EC02	Dark Grey EB02	Black EB01
Light Transmission (LT)	79%	5%	5%	5%	5%	4%	5%	4%	5%	4%	4%
g-value / SHGC	59%	25%	26%	26%	26%	26%	25%	26%	26%	26%	25%
U-value (W/m <sup>2</sup> K)	1.2	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

### Colour Range



ED01 White

ED02 Beige

ED04 Dark Beige

EB03 Bronze

EB04 Chocolate Brown

ED03 Light Grey

EC01 Misty Grey

EC02 Steel Grey

EB02 Dark Grey

EB01 Black



For more information or updates please refer to [www.verosol.com/specifications](http://www.verosol.com/specifications)