

# OmniaScreen 4%

## Semi Transparent Metallised Screens



Flame Retardant



Roller Blinds



Panel Tracks



Verticals

## A solution for solar protection and light control

### Good performing solar screen

- Solar reflectance of 73% provides superb heat and light control
- Openness factor of 4% provides clear view-through
- Good 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**

# OmniaScreen 4%

## Semi Transparent Metallised Screens

### Specification details

Composition	PVC / PET- 75% / 25%
Weight	440 g/m <sup>2</sup>
Thickness	0.55 mm
Flame retardant	FR: NFPA 701 small scale, UK BS 5867 Part 2, French M2
Openness factor	3-4%
Light transmission, colour ED01	6%
Transmission solar radiation	6%
Reflection solar radiation	74%
IR emissivity of metal side	0.14
Aluminium adhesion	ISO 2409 classification 0
Colourfastness	ISO105-B02: >7
Environment	Greenguard, Oko-Tex 100 Formaldehyde free; HPD (Health Product Declaration, USA)

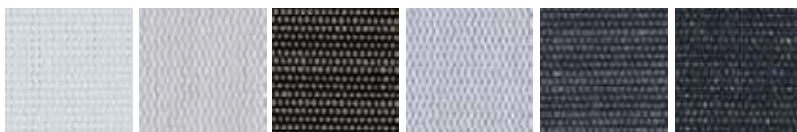
### Technical details

	White FD01	Beige FD02	Light Grey FD03	Brown FB03	Dark Grey FB02	Black FB01
Solar reflection outside	74%	73%	73%	72%	72%	72%
Light Transmission (LT)	6%	5%	5%	5%	5%	5%
Openness Factor (OF)	3-4%	3-4%	3-4%	3-4%	3-4%	3-4%
IR emissivity metal side	0.14	0.15	0.15	0.15	0.15	0.15
Colour rendering index (Ra)	99	99	99	99	99	99

High Performance Glazing (reference glazing D EN14501)	Performance of Glazing	White FD01	Beige FD02	Light Grey FD03	Brown FB03	Dark Grey FB02	Black FB01
Light Transmission (LT)	60%	4%	4%	4%	4%	4%	4%
g-value / SHGC	32%	15%	15%	15%	16%	16%	16%
U-value (W/m <sup>2</sup> K)	1.1	0.8	0.8	0.8	0.8	0.8	0.8

Insulating Glazing (reference glazing C EN14501)	Performance of Glazing	White FD01	Beige FD02	Light Grey FD03	Brown FB03	Dark Grey FB02	Black FB01
Light Transmission (LT)	79%	5%	5%	4%	4%	4%	4%
g-value / SHGC	59%	27%	27%	27%	28%	28%	28%
U-value (W/m <sup>2</sup> K)	1.2	0.8	0.8	0.8	0.8	0.8	0.8

### Colour Range



FD01 White    FD02 Beige    FB03 Brown    FD03 Light Grey    FB02 Dark Grey    FB01 Black



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