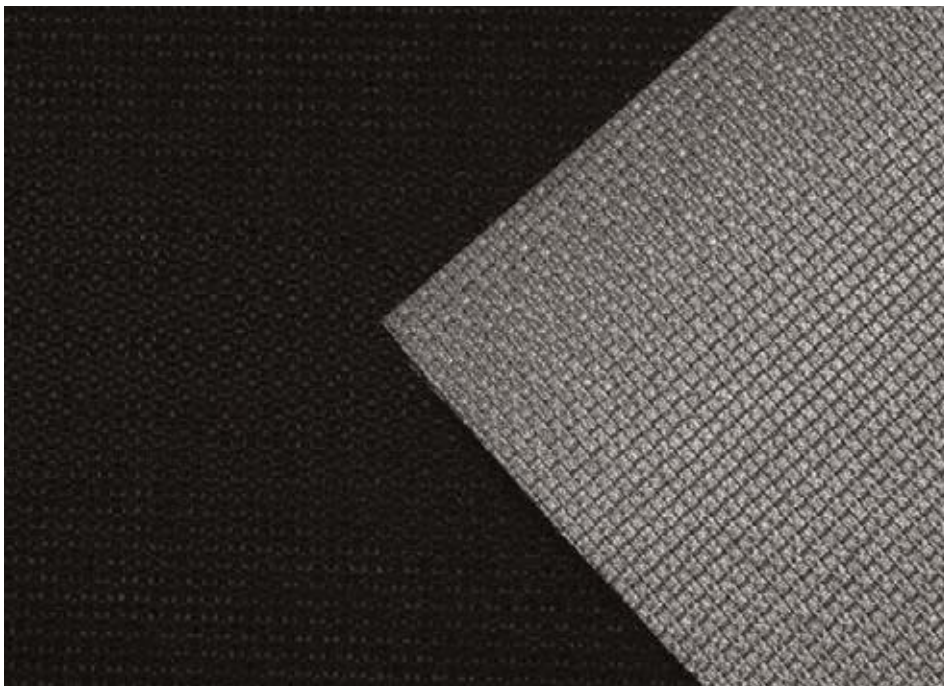


EnviroScreen G3 - Optimum

Semi Transparent Metallised Screens



Flame Retardant



Roller Blinds



Panel Tracks



Verticals

Superior visual and thermal comfort

The greener screen

- High performance screen designed to meet the highest environmental standards
- Best performing Cradle to Cradle screen: excellent visual and thermal comfort
- Screen with a textile appearance
- Highest reflection of 74%
- Flame retardant
- **Available in a width up to 3.05 meter**

EnviroScreen G3 - Optimum

Semi Transparent Metallised Screens

Specification details

Cradle to Cradle certified	According to certification version 3.1
Composition	100 % Inherent FR Polyester
Weight	250 g/m ²
Thickness	0.5 mm
Flame retardant	DIN4102 B1, NFPA 701, BS 5867 Part 2 Type B, AS 1530, EN13501
Openness factor	2%
Light transmission, colour 000	4%
Transmission solar radiation	4%
Reflection solar radiation	74%
IR emissivity of metal side	0.19
Aluminium adhesion	ISO 2409 classification 0
Colourfastness	ISO105-B02: >5
Environment	Öko tex standard 100 Class IV; Greenguard Gold, Formaldehyde free; PVC free; HPD (Health Product Declaration, USA);

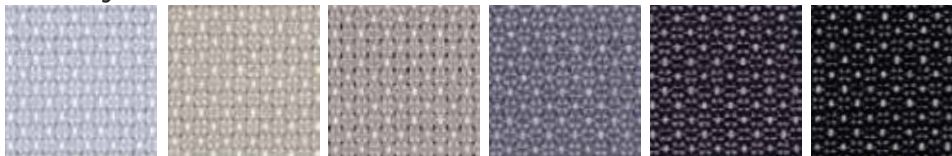
Technical details

	L. Grey 000	Beige 711	D. Beige 765	Steel Grey 936	D. Grey 998	Black 829
Solar reflection outside	74%	74%	74%	74%	74%	74%
Light Transmission (LT)	4%	4%	3%	3%	2%	2%
Openness Factor (OF)	2%	2%	2%	2%	2%	2%
IR emissivity metal side	0.19	0.15	0.15	0.15	0.15	0.15
Colour rendering index (Ra)	98	98	97	96	97	97

High Performance Glazing (reference glazing D EN14501)	Performance of Glazing	L. Grey 000	Beige 711	D. Beige 765	Steel Grey 936	D. Grey 998	Black 829
Light Transmission (LT)	60%	3%	3%	3%	3%	2%	2%
g-value / SHGC	32%	15%	15%	15%	15%	15%	15%
U-value (W/m ² K)	1.1	0.8	0.8	0.8	0.8	0.8	0.8

Insulating Glazing (reference glazing C EN14501)	Performance of Glazing	L. Grey 000	Beige 711	D. Beige 765	Steel Grey 936	D. Grey 998	Black 829
Light Transmission (LT)	79%	3%	3%	3%	3%	2%	2%
g-value / SHGC	59%	27%	27%	27%	27%	27%	27%
U-value (W/m ² K)	1.2	0.8	0.8	0.8	0.8	0.8	0.8

Colour Range



000 Light Grey

711 Beige

765 Dark Beige

936 Steel Grey

998 Dark Grey

829 Black



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