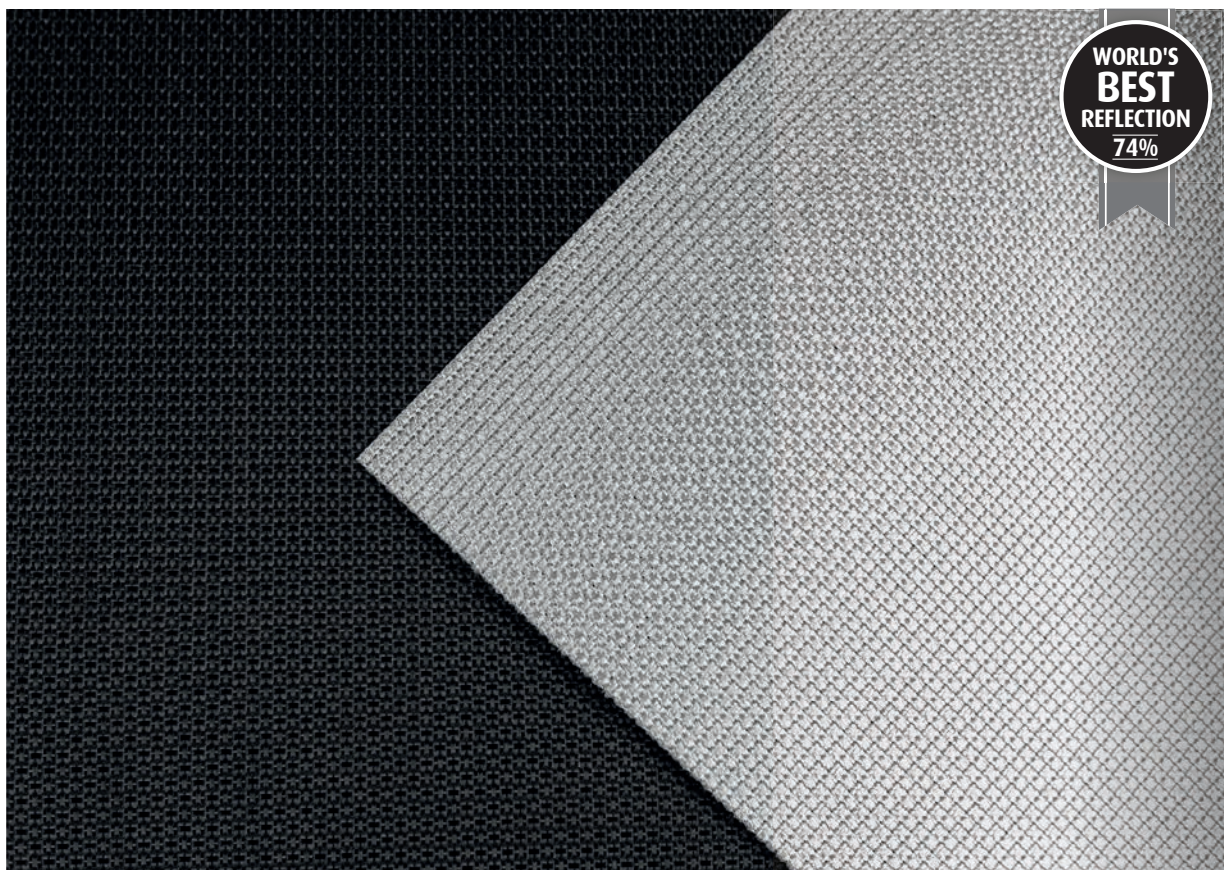


Semi transparent metallised polyester screens

802 EnviroScreen



Sustainable screen with superior visual and thermal comfort

The greener screen
PVC-free and Cradle to Cradle certified

- The best performing Cradle to Cradle screen: Excellent visual and thermal comfort combined with sustainable benefits
- Screen with a robust textile appearance
- Highest reflection on metallised polyester fabrics
- Excellent flame retardant properties
- Available in a width up to 3.0 metres



Roller blinds



Panel tracks



Verticals



Flame retardant



Cradle to Cradle certified

Optima x Verosol

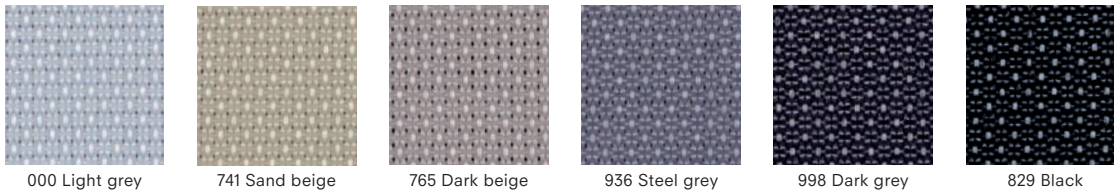
Specification details fabrics

Composition	Polyester inherent FR
Weight	220 g/m ²
Thickness	0.46 mm
Fabric width	Max. 300 cm
Openness factor	2%
IR emissivity metal side	0.19
Colour fastness	ISO105-B02; exterior: 8
Flame retardant	EN 13501-1 B-s1,d0, DIN 4102 B1, BS 5867 part 2 type B, NFPA 701, AS/NZS 1530.3 (0-0-0-1)
Environment	Cradle to Cradle (C2C) Bronze, STANDARD 100 Class IV by OEKO-TEX®, HPD2.1, RoHS2, REACH, GreenGuard (LEED), GreenGuard Gold, Formaldehyde free, Halogen free, Phthalate free, antimicrobials free, PVC free
Solar transmission	3% (Black) - 4% (Light Grey)
Solar reflection outside	74%
Light transmission	2% (Black) - 4% (Light Grey)
UV transmission	2%
Colour rendering index (Ra)	97 (Black) - 99 (Light Grey)
Visual contact according to EN 14501:2021	2
Glare control rating according to EN 14501:2021	3

Specification details fabrics and glazing

	Solar control double glass		Insulating double glass		Solar control triple glass		Insulating triple glass	
	Ref. glazing G performance	Light Grey / Black	Ref. glazing F performance	Light Grey / Black	Glazing I performance	Light Grey / Black	Ref. glazing H performance	Light Grey / Black
Light Transmission, LT-value	70%	3% / 2%	82%	4% / 2%	64%	3% / 2%	74%	4% / 2%
Solar heat gain, g-value / SHGC	33%	12%	65%	27%	31%	14%	53%	26%
Insulation, U-value (W/m ² K)	1.0	0.72	1.1	0.77	0.6	0.50 / 0.49	0.7	0.57 / 0.56

Colour range



Optical properties are measured according to EN 14500, ISO 9050, ASTM C1371 & EN 410.
 Disclaimer: The technical data is based on average data and is subject to production tolerances. The colours shown may vary from the supplied fabric due to variation in the production process. Subject to misprints, errors and technical modifications.
 All technical details per colour available upon request.