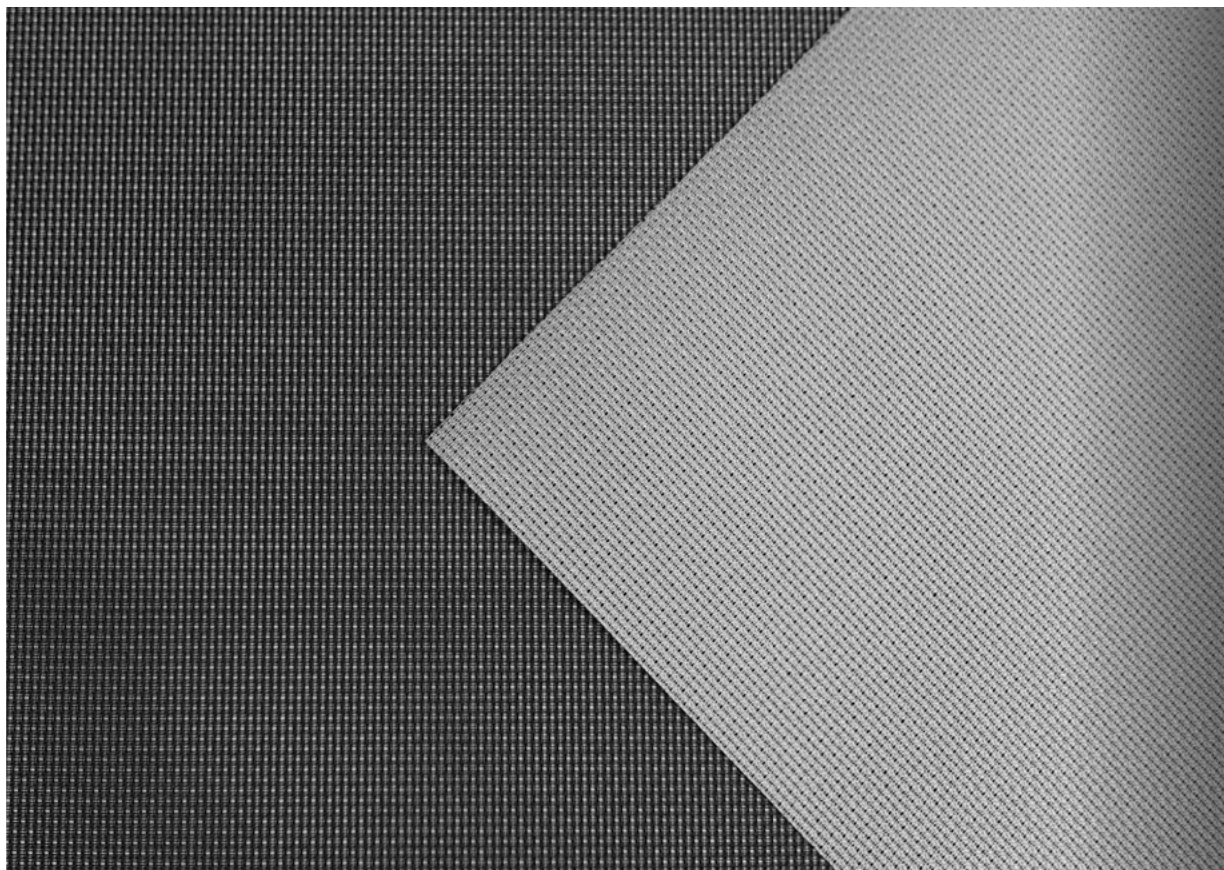


Semi transparent metallised fabrics

816 Originals



Superior heat and light control

Unlimited possibilities in metallised solutions

- Wide colour range
- Combine transparencies in twin-pleated or twin-roller blind to achieve ultimate solar control at every moment of the day and night
- Heat and glare control
- Available in a width up to 2.4 metres



Roller blinds



Panel tracks



Verticals



Pleated blinds



Flame retardant

Optima x Verosol

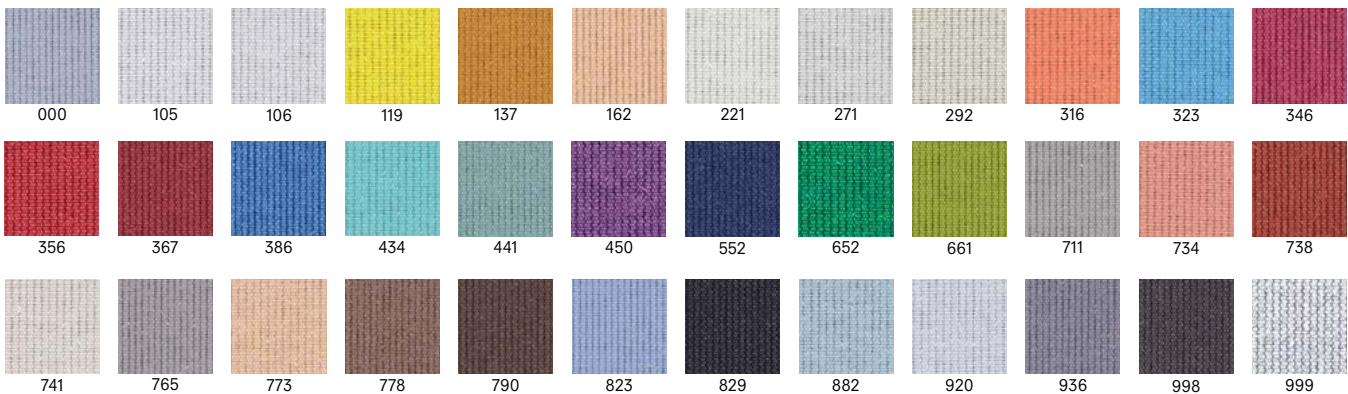
Specification details fabrics

Composition	Trevira CS
Weight	73 g/m ²
Thickness	0.20 mm
Fabric width	240 cm (+/- 5 cm)
Openness factor	23%
IR emissivity metal side	0.51
Colour fastness	ISO105-B02; exterior: 8
Flame retardant	DIN 4102 B1, BS 5867 part 2 type B, NFPA 701, AS/NZS 1530.3 (0-0-0-2)
Environment	STANDARD 100 Class IV by OEKO-TEX [®] , HPD 2.1, RoHS2, REACH, GreenGuard (LEED), Greenguard Gold, Formaldehyde free, Halogen free, Phthalate free, antimicrobials free, PVC free
Solar transmission	27% (Black) - 28% (White)
Solar reflection outside	44%
Light transmission	25% (Black) - 29% (White)
UV transmission	25% (Black) - 27% (White)
Colour rendering index (Ra)	100
Visual contact according to EN 14501:2021	3 (White) - 4 (Black)
Glare control rating according to EN 14501:2021	0

Specification details fabrics and glazing

	Solar control double glass		Insulating double glass		Solar control triple glass		Insulating triple glass	
	Ref. glazing G performance	White / Black	Ref. glazing F performance	White / Black	Glazing I performance	White / Black	Ref. glazing H performance	White / Black
Light Transmission, LT-value	70%	22% / 20%	82%	25% / 23%	64%	20% / 18%	74%	24% / 21%
Solar heat gain, g-value / SHGC	33%	21%	65%	43%	31%	21%	53%	38%
Insulation, U-value (W/m ² K)	1.0	0.81	1.1	0.86	0.6	0.54	0.7	0.62

Colour range



Optical properties are measured according to EN 14500, ISO 9050, ASTM C1371 & EN 410. Reference glazings according to EN 14501:2021. 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.