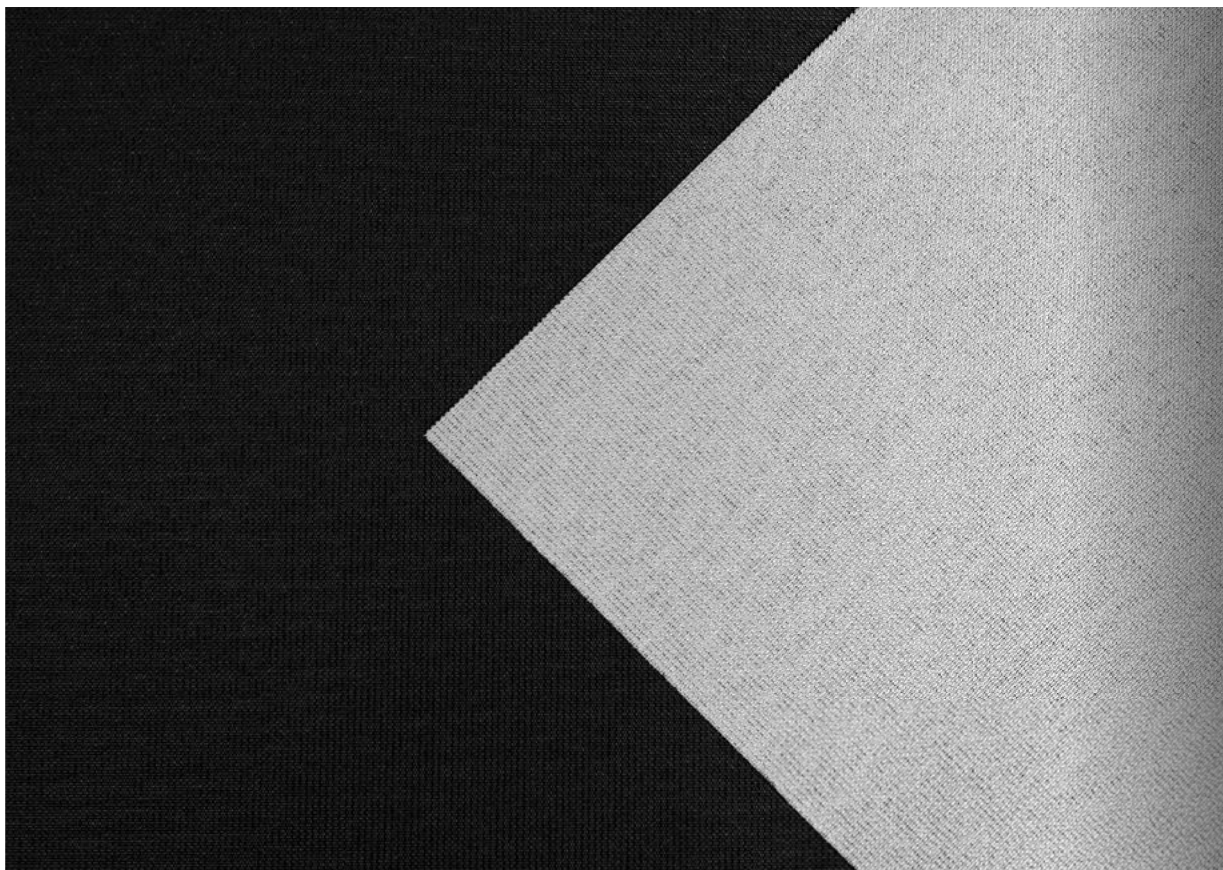Semi transparent metallised fabrics

812 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

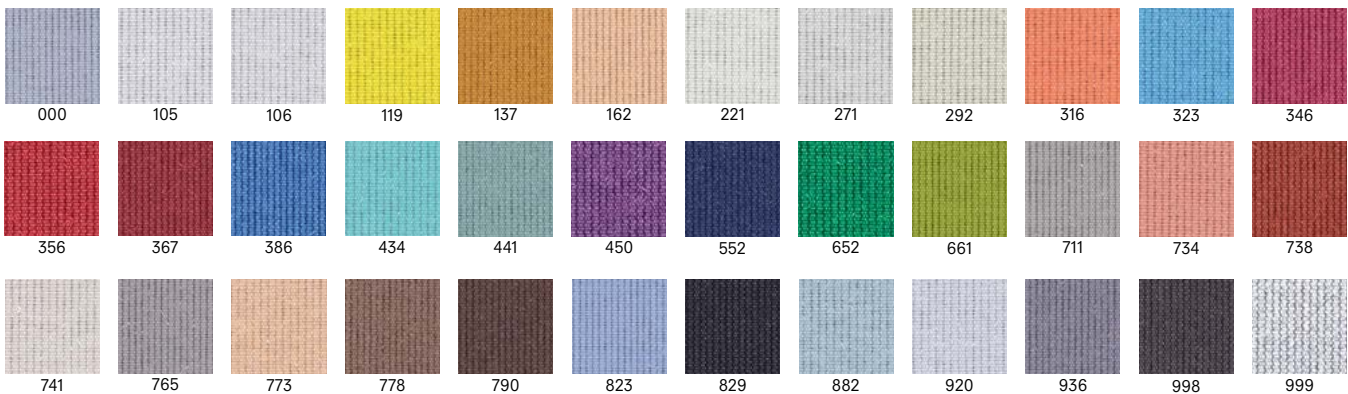Flame retardant

Optima x Verosol

Specification details fabrics

Composition	Trevira CS
Weight	94 g/m²
Thickness	0.19 mm
Fabric width	240 cm (+/- 5 cm)
Openness factor	5%
IR emissivity metal side	0.35
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	8% (Black) - 9% (White)
Solar reflection outside	62%
Light transmission	6% (Black) - 9% (White)
UV transmission	6% (Black) - 7% (White)
Colour rendering index (Ra)	99
Visual contact according to EN 14501:2021	2
Glare control rating according to EN 14501:2021	1

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%	8% / 5%	82%	9% / 6%	64%	7% / 5%	74%	8% / 5%
Solar heat gain, g-value / SHGC	33%	16%	65%	34%	31%	17%	53%	31%
Insulation, U-value (W/m²K)	1.0	0.76	1.1	0.81	0.6	0.52	0.7	0.59

Colour range

000	105	106	119	137	162	221	271	292	316	323	346
356	367	386	434	441	450	552	652	661	711	734	738
741	765	773	778	790	823	829	882	920	936	998	999

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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.