












EuroTwill 6450

MECHO SOLAR FABRIC (3%)

AVAILABLE COLOURS

<p>White 6451</p> <p>Silver Birch 6456</p> <p>Silver Dove 6459</p> <p>White Stone 6468</p> <p>Black/White 6471</p> <p>Nickel 6460</p> <p>Graphite 6461</p> <p>Light Charcoal 6462</p> <p>Black 6469</p>	        
--	--

FABRIC SPECIFICATIONS

Stock Widths:	98"
Openness:	3 %
Composition:	25% Polyester 75% PVC
Thickness:	.0220"
Weight:	12.33 oz/yd²
Fire Rating:	NFPA 701 CAN/ULC-S109
Cleaning Info:	Contact Manufacturer
Spline:	SnapLoc
Railroading:	Yes
Bacteria/Fungal Resistance	ASTM G21 / ASTM E2180
Acoustic Performance	0.15 NRC / 0.18 SAA

This fabric features interwoven polyester yarns with a PVC coating in a reversible broken twill weave design. The series' neutral colors provide a complementary background element to any space.



If you require additional fabric samples please E-mail: samples@frasershading.com
 Actual fabric colours may vary from pictures | Fabric stock levels may vary
 Openness factors are approximate | Mockups are recommended
 Specification subject to change without notice | ©Fraser Shading Systems 2024



EuroTwill® Shade Cloth Properties

3% open 6450 series

#	Name	Fabric Content	Solar Optical Properties				Single Shading Coefficient			Insulating Shading Coefficient		
			Ts	Rs	As	Tv	1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA
6451	White	75% PVC / 25% Polyester	21	67	12	17	0.33	0.34	0.32	0.31	0.32	0.25
6456	Silver Birch	75% PVC / 25% Polyester	19	60	21	15	0.38	0.38	0.34	0.36	0.35	0.27
6459	Silver Dove	75% PVC / 25% Polyester	15	55	29	11	0.41	0.40	0.35	0.38	0.37	0.28
6468	White Stone	75% PVC / 25% Polyester	13	54	33	10	0.41	0.41	0.36	0.39	0.38	0.29
6471	Black/White	75% PVC / 25% Polyester	7	17	76	7	0.66	0.62	0.47	0.62	0.56	0.39
6460	Nickel	75% PVC / 25% Polyester	10	46	44	8	0.46	0.45	0.38	0.43	0.41	0.31
6461	Graphite	75% PVC / 25% Polyester	5	8	88	4	0.72	0.68	0.50	0.67	0.61	0.42
6462	Light Charcoal	75% PVC / 25% Polyester	5	12	83	4	0.69	0.65	0.48	0.65	0.59	0.41
6469	Black	75% PVC / 25% Polyester	7	17	76	7	0.66	0.62	0.47	0.62	0.56	0.39

The solar optical properties are used to calculate the shading coefficient.

The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system.

Ts = Solar Transmittance
 Rs = Solar Reflectance
 As = Solar Absorptance
 Tv = Visual Transmittance

1/8CL = 1/8" Clear Glass
 1/4CL = 1/4" Clear Glass
 1/4HA = 1/4" Heat Absorbing Glass

1/2CL = 1/2" Insulating Clear Glass
 1CL = 1" Insulating Clear Glass
 1HA = 1" Insulating Heat Absorbing Glass

Acoustic Performance

0.15 NRC, 0.18 SAA

Mesh Weight

12.33 oz/yd²

Fabric Thickness

0.022 in

CERTIFICATE OF COMPLIANCE



Mecho

EuroVeil

6450 Series

Average Openness: 3%

12051-420

Certificate Number

03 Jun 2009 - 22 Apr 2024

Certificate Period

Certified

Status

UL 2818 - 2022 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Window treatments are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office and Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.

GREENGUARD Gold Certification Criteria for Building Products and Interior Finishes

Criteria	CAS Number	Maximum Allowable Predicted Concentration	Units
TVOC (A)	-	0.22	mg/m ³
Formaldehyde	50-00-0	9 (7.3 ppb)	µg/m ³
Total Aldehydes (B)	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m ³
Particle Matter less than 10 µm (C)	-	20	µg/m ³
1-Methyl-2-pyrrolidinone (D)	872-50-4	160	µg/m ³
Individual VOCs (E)	-	1/2 CREL or 1/100th TLV	-

- (A) Defined to be the total response of measured VOCs falling within the C6 – C16 range, with responses calibrated to a toluene surrogate. Maximum allowable predicted TVOC concentrations for GREENGUARD Gold (0.22 mg/m³) fall in the range of 0.5 mg/m³ or less, as specified in CDPH Standard Method v1.2.
- (B) The sum of all measured normal aldehydes from formaldehyde through nonanal, plus benzaldehyde, individually calibrated to a compound specific standard. Heptanal through nonanal are measured via TD/GC/MS analysis and the remaining aldehydes are measured using HPLC/UV analysis.
- (C) Particle emission requirement only applicable to HVAC Duct Products with exposed surface area in air streams (a forced air test with specific test method) and for wood finishing (sanding) systems.
- (D) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m³/day
- (E) Allowable levels for chemicals not listed are derived from the lower of 1/2 the California Office of Environmental Health Hazard Assessment (OEHA) Chronic Reference Exposure Level (CREL) as required per the CDPH/EHLB/Standard Method v1.2 and BIFMA level credit 7.6.2 and 1/100th of the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, and Cincinnati, OH 45211-4438).

