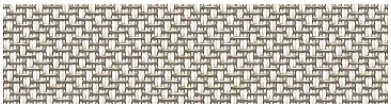
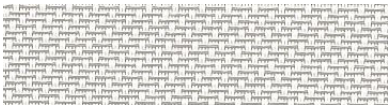
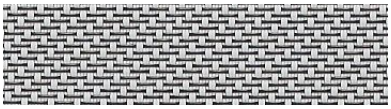
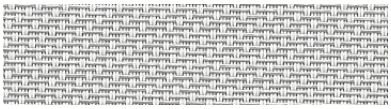
EuroTwill 6000

MECHO SOLAR FABRIC (3%)

AVAILABLE COLOURS

White 6001	
Sand 6004	
Stone 6018	
Silver Birch 6006	
White / Black 6020	
Dove Grey 6009	
Nickel 6010	
Slate 6016	
Smoke 6015	
Graphite 6011	
Charcoal 6012	
Bronze 6013	

FABRIC SPECIFICATIONS

Stock Width:	**118"**
Openness:	**3 %**
Composition:	**70% PVC 30% Polyester**
Thickness:	**.028"**
Weight:	**13.12 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	**0.10 NRC / 0.14 SAA**

This series features reversible broken twill weave shade cloths. Its extensive color range will complement any interior.

If you require 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 | Unit 101 – 5219 192nd Street | Surrey, BC, Canada V3S 4P6
Off: 604-881-4881 | Fax: 604-881-4882 | www.frasershading.com | www.instagram.com/fraser_shading_systems

EuroTwill® Shade Cloth Properties

3% open 6000 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
6001	White	70% PVC / 30% Polyester	25	66	9	22	0.36	0.36	0.33	0.33	0.33	0.26
6004	Sand	70% PVC / 30% Polyester	18	55	27	14	0.42	0.41	0.36	0.39	0.38	0.29
6006	Silver Birch	70% PVC / 30% Polyester	18	51	31	13	0.45	0.44	0.37	0.42	0.40	0.30
6018	Stone	70% PVC / 30% Polyester	12	30	58	9	0.58	0.55	0.43	0.54	0.50	0.36
6020	White/Black	70% PVC / 30% Polyester	10	20	70	9	0.64	0.61	0.46	0.60	0.55	0.39
6009	Dove Grey	70% PVC / 30% Polyester	13	39	48	9	0.52	0.5	0.41	0.49	0.46	0.33
6010	Nickel	70% PVC / 30% Polyester	10	28	62	8	0.59	0.56	0.44	0.55	0.51	0.36
6016	Slate	70% PVC / 30% Polyester	7	38	55	5	0.51	0.49	0.40	0.48	0.46	0.33
6015	Smoke	70% PVC / 30% Polyester	5	20	75	4	0.63	0.6	0.46	0.59	0.55	0.38
6011	Graphite	70% PVC / 30% Polyester	5	18	77	4	0.65	0.61	0.46	0.61	0.56	0.39
6012	Charcoal	70% PVC / 30% Polyester	4	9	87	4	0.71	0.67	0.49	0.67	0.60	0.41
6013	Bronze	70% PVC / 30% Polyester	5	7	89	4	0.72	0.68	0.50	0.68	0.61	0.42

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
0.10 NRC, 0.14 SAA

Mesh Weight
13.12 oz/yd^2

Fabric Thickness
0.028 in

CERTIFICATE OF COMPLIANCE

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

Mecho

EuroTwill 6000 Series
Average Openness (3%)

101762-420
Certificate Number

03 Jun 2016 - 03 Sep 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/m³
Formaldehyde	50-00-0	9 (7.3 ppb)	µg/m³
Total Aldehydes (B)	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m³
Particle Matter less than 10 µm (C)	-	20	µg/m³
1-Methyl-2-pyrrolidinone (D)	872-50-4	160	µg/m³
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 (OEHHA) 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).

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