



MechoShade ThermoVeil, EuroVeil, Equinox™ and EuroTwill™ shade cloths are offered with the broadest Limited Lifetime Warranty available*; assuring the end-user a product that will provide many years of trouble-free performance.

ThermoVeil® 2100

BASKET WEAVE

Available Colours

- White 2101
- Eggshell 2116
- Beige 2102
- Silver Birch 2119
- Grey 2113
- Shadow Grey 2120
- Black/Brown 2104



Technologically advanced woven shade cloths in two non-directional 2 X 2 basket-weave densities offered in a range of colours. The basket weave provides a uniform scrim effect at the window wall with appropriate densities for sun control.

Flame Resistant:

ThermoVeil®, EuroVeil®, EuroTwill™ solar shade cloths comply with the NFPA 701-99 Small Scale and Large Scale Vertical Burn Test / California US Title 19 The NY State Combustible Toxicity Performance as measured by the UPITT test for Combustion Product Toxicity (LC50 22.5g) / Complies with the D.O.E. / The Crown Suppliers Specification FR7 using ignition sources 0, 1, 5, and 7 as defined in BS.5852: Parts 1 and 2. — UK. Equinox™ shade cloths comply with the P-NDS04 - 168 Test, Germany / The 2756 - 2000 dated September 22, 2000 NPA 1521/2000 Test, Italy.

Bacterial Fungal Resistance (All):

ASTM G-22-76 (reapproved 1996) and ASTM G-21-96 Staphylococcus aureus - Zone of inhibition (mm) / Growth: 8/NGCA. Pseudomonas aeruginosa - ASTM G-22-80 Bacterial Growth: No Growth.

* If you require additional fabric samples please send an e-mail to: samples@frasershading.com

* Actual fabric colours may vary from pictures, Fabric stock levels may vary

* Openness factors are approximate. Mockups recommended. Specification subject to change without notice. ©Copyright 2008, MechoShade Systems, Inc., Long Island City, NY. All rights reserved. MechoShade, ElectroShade, DualShade, ThermoVeil and EuroVeil are registered trademarks of MechoShade Systems, Inc. EuroTwill; Equinox are trademarks of MechoShade Systems, Inc. Fraser Shading Systems Inc. is an approved Canadian fabricator for MechoShade.

Fabric Specifications

Stock Widths	126"
Openness Factor	10%
Composition	25% Polyester Core 75% Vinyl on Polyester
Thickness	.034"
Weight	16.4 oz/sq yrd
Fire Rating	CAN/ULC-S109-M87
Cleaning Instructions	Soap & Water
Spline	Snap Lock
Railroaded	Yes



Fire Rated



ThermoVeil® 2100 Series - Approx OF 10% Fenestration Properties

Description	Colour	Ts	Rs	As	Tv	S/C (Blue/Green Glass)			S/C (Clear Glass)			S/C (Bronze Glass)		
						1/4" Single	1/4" Double	1/4" Double Low-E(3)	1/4" Single	1/4" Double	1/4" Double Low-E(3)	1/4" Single	1/4" Double	1/4" Double Low-E(3)
2101	White	22	63	15	18	0.35	0.28	0.27	0.37	0.34	0.33	0.34	0.28	0.27
2102	Beige	17	44	39	17	0.42	0.34	0.31	0.49	0.44	0.40	0.41	0.34	0.31
2104	Black/Brown	13	4	83	16	0.57	0.47	0.39	0.76	0.64	0.55	0.57	0.46	0.39
2113	Grey	13	27	60	14	0.48	0.39	0.34	0.45	0.41	0.47	0.39	0.32	0.34
2116	Eggshell	18	54	28	16	0.38	0.31	0.29	0.42	0.39	0.37	0.37	0.30	0.28
2117	Straw	14	58	28	13	0.35	0.29	0.27	0.39	0.34	0.34	0.35	0.29	0.27
2119	Silver Birch	18	43	39	18	0.42	0.34	0.31	0.50	0.44	0.41	0.42	0.34	0.31
2120	Shadow Grey	10	9	81	12	0.55	0.45	0.50	0.72	0.53	0.53	0.54	0.44	0.38

KEY: Ts = Solar Transmittance, Rs = Solar Reflectance, As = Solar Absorption, Tv = Visible Transmittance, S/C = Shading Coefficient

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 the shading system.

Darker colours provide maximum glare reduction and visibility. For complete technical information, current test results, performance specifications and larger samples, contact FSS

Specifications:

Composition: 21% Polyester, 79% Polyester on Vinyl

Openness factor: Average 10%

Weight: 16.9 oz/sq yrd +/- 5%

Thickness: .03 inches +/- 5%

Fraser Shading Systems Inc. 101 - 5219 192nd St., Surrey, BC, V3S 4P9

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MechoShade Systems, Inc.

ThermoVeil® Open Basket Weave Shadelcloth 2100 Series

This product has been GREENGUARD Indoor Air Quality Certified® by the GREENGUARD Environmental Institute under the GREENGUARD for Children & SchoolsSM product certification program.

Certification Details:	
Certification No:	90153-03S
Certification Status:	Certified
Certification Period(s):	06/2009- 06/2009
Certification Restrictions:	NONE

GREENGUARD Product Emission Standard for Children & Schools

GREENGUARD Indoor Air Quality Certified Products meet the following minimum emission requirements:

Product Category: Window Treatments	Product Sub Category: Shades
Individual VOCs ¹	< 1/100 TLV and < ½ CA chronic REL
Formaldehyde ²	< 0.0135 ppm/13.5 ppb
Total VOCs ³	< 0.22 mg/m ³
Total Aldehydes ⁴	< 0.043 ppm/43 ppb
Total Phthalates ⁵	< 0.01 mg/m ³
Total Particles (< 10µm) ⁶	< 0.02 mg/m ³

¹Any VOC not listed must produce an air concentration level no greater than 1/100 the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, Cincinnati, Ohio 45211-4438) and no greater than 1/2 the CA Chronic Reference Exposure Level (CREL) http://www.oehha.ca.gov/air/chronic_rels/AllChrels.html - (CRELs) Adopted by the State of California Office of Environmental Health Hazard Assessment (OEHHA), February 2005).

²Formaldehyde criteria established so that emission levels reach 0.014ppm (13.5 ppb) within 14 days of installation (meeting CA 1350 requirements).

³Defined to be the total response of measured VOCs falling within the C₆ – C₁₆ range, with responses calibrated to a toluene surrogate.

⁴Defined to be the total response of a specific target list of aldehydes (2-butenal; acetaldehyde; benzaldehyde; 2, 5-dimethylbenzaldehyde, 2-methylbenzaldehyde; 3-and/or 4-methylbenzaldehyde; butanal; 3-methylbutanal; formaldehyde; hexanal; pentanal; propanal), with each individually calibrated to a compound specific standard.

⁵Total phthalates include dibutyl (DBP), diethylhexyl (DEHD), diethyl (DEP), butylbenzyl (BBP), di-octyl (DOP), and dimethyl (DMP) phthalates.

⁶Particles applicable to fibrous, particle releasing products with exposed surface area.

Complies with California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers" 2004 (CA section 01350)

GREENGUARD Certification affirms that a product's emissions fall within the limits selected by GREENGUARD from reputable third-party risk based criteria, as identified above. GREENGUARD program testing is conducted consistent with a defined protocol and does not measure emissions under usage conditions other than those defined in the protocol and does not address potential environmental impact other than chemical emissions.

For further product details, visit the product listing at www.greenguard.org. If you have any questions, contact the GREENGUARD Environmental Institute at 1.800.427.9681.



MechoShade Systems, Inc.

ThermoVeil® Open Basket Weave Shadelcloth 2100 Series

This product has been GREENGUARD Indoor Air Quality Certified® by the GREENGUARD Environmental Institute under the GREENGUARD Standard for Low Emitting Products.

Certification Details:

Certification No:	90153-03S
Certification Status:	Certified
Certification Period(s):	06/2009- 06/2009
Certification Restrictions:	NONE

GREENGUARD Indoor Air Quality Standard for Low Emitting Products

GREENGUARD Indoor Air Quality Certified Products meet the following minimum emission requirements:

Category: Window Treatments

Emission Types	Measure
Individual VOCs	< 01. TLV
Formaldehyde	< 0.05 ppm (< 0.06 mg/m ³)
Styrene	< 0.07 mg/m ³
Total VOCs	< 0.5 mg/m ³
Total aldehydes	< 0.1 ppm

Listing of measured carcinogens and reproductive toxins as identified by California Proposition 65, the U.S. National Toxicology Program (NTP), and the International Agency on Research on Cancer (IARC) must be provided.

Any pollutant not listed must produce an air concentration level no greater than 1/10 the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, Cincinnati, Ohio 45211-4438.

Any pollutant regulated as a primary or secondary outdoor air pollutant must meet a concentration that will not generate an air concentration greater than that promulgated by the National Ambient Air Quality Standard (U.S. EPA, code of Federal Regulations, Title 40, Part 50).

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