



SoHo 1600

MECHO SOLAR FABRIC (3%)

AVAILABLE COLOURS

White 1601	
Silver 1606	
Cornsilk 1602	
Sand 1604	
Light Grey 1603	
Dove Grey 1605	
Silver Birch 1619	
Nickel 1610	
Slate 1616	
Smoke 1615	
Onyx Tweed 1617	
Charcoal 1612	
Mocha 1622	
Black Brown 1618	

FABRIC SPECIFICATIONS

Stock Widths:	126"
Openness:	3 %
Composition:	24% Polyester 76% PVC
Thickness:	.024"
Weight:	13.50 oz/yd²
Fire Rating:	NFPA 701 / CA US Title 19 CAN/ULC-S109
Cleaning Info:	Contact Manufacturer
Spline:	SnapLoc
Railroading:	Yes
Bacterial / Fungal Resistance:	ASTM G21 / ASTM E2180



Thin, finely woven yarns in a 2 x 2 basket weave pattern with a soft hand and smooth texture to create elegant solutions for any project.

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 2024



SoHo 1600 Properties

3% open 1600 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
1601	White	76% PVC / 24% Polyester	22	63	15	18	0.37	0.37	0.34	0.35	0.34	0.27
1606	Silver	76% PVC / 24% Polyester	14	51	36	8	0.44	0.43	0.37	0.41	0.40	0.30
1602	Cornsilk	76% PVC / 24% Polyester	21	60	19	18	0.39	0.39	0.35	0.36	0.36	0.28
1604	Sand	76% PVC / 24% Polyester	13	50	36	8	0.44	0.43	0.37	0.41	0.40	0.30
1603	Light Grey	76% PVC / 24% Polyester	15	47	38	12	0.47	0.45	0.38	0.44	0.42	0.31
1605	Dove Grey	76% PVC / 24% Polyester	9	43	48	5	0.48	0.46	0.39	0.45	0.43	0.32
1619	Silver Birch	76% PVC / 24% Polyester	8	38	54	7	0.51	0.50	0.40	0.49	0.46	0.33
1610	Nickel	76% PVC / 24% Polyester	4	29	67	4	0.56	0.45	0.43	0.54	0.50	0.35
1616	Slate	76% PVC / 24% Polyester	5	30	65	6	0.56	0.54	0.42	0.53	0.49	0.35
1615	Smoke	76% PVC / 24% Polyester	3	18	79	4	0.64	0.61	0.46	0.61	0.55	0.39
1617	Onyx Tweed	76% PVC / 24% Polyester	3	23	74	3	0.61	0.58	0.45	0.57	0.53	0.37
1612	Charcoal	76% PVC / 24% Polyester	3	9	88	5	0.70	0.66	0.49	0.66	0.60	0.41
1622	Mocha	76% PVC / 24% Polyester	3	9	88	4	0.70	0.66	0.49	0.66	0.60	0.41
1618	Black Brown	76% PVC / 24% Polyester	2	5	93	2	0.73	0.68	0.50	0.69	0.62	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

0.25 NRC, 0.29 SAA

Mesh Weight

13.50 oz/yd²

Fabric Thickness

0.024 in

CERTIFICATE OF COMPLIANCE



Mecho

SoHo Collection 1100, 1600 & 1900 Series (1%, 3%, 5% open)

73020-420

Certificate Number

12 Dec 2015 - 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/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).

