



Sun Control Textiles™

Product Specifications Sheet

S Screen Naturals™ 5%

Specifications

Product Category: Decorative

Composition: 33.6% fiberglass / 59.6% vinyl
6.8% polyester

Openness Factor: 5%

Standard Packaging: Rolls of 23 ly (21 lm)

UV Blockage: Approximately 95%

Width: 98" (250 cm)

Fabric Style: Fancy Weave

Weight: 15.0 oz / yd2 (510 g / m2) ± 5%

Item #: 001705

Thickness: 0.042" (1.06 mm) ± 5%

Fenestration Data

Color#	Color Name	Fabric Properties					Fabric & Glass			
		Thermal			Optical		Commercial		Residential	
		Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC	
Rs (%)	As (%)	Ts (%)	Interior	Exterior			Interior	Exterior		
000PYR	Pyrenees	63	18	19	68	18	53	74	0.32	0.17
000SIE	Sierra	46	39	15	48	13	39	76	0.41	0.15
000OLY	Olympus	35	51	14	36	12	32	76	0.46	0.16
000APP	Appalachian	40	46	14	41	13	34	76	0.44	0.16
000DEN	Denali	58	26	16	63	15	47	76	0.34	0.15
000MAT	Matterhorn	54	30	16	58	15	45	76	0.37	0.16
000RAI	Rainier	37	51	12	38	10	34	79	0.45	0.14
000CAS	Cascade	43	45	12	46	11	37	79	0.42	0.14
000SHA	Shasta	35	54	11	36	9	32	79	0.46	0.14
000EVE	Everest	31	59	10	32	9	29	79	0.47	0.14

Fabric properties may vary from the values reported due to standard variations in the manufacturing process. The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Solar Reflectance in Infrared (Rs IR), Total Solar Absorptance (As), Visible Reflectance (Rv), and Visible Transmission (Tv). Glass performance tests for Solar Heat Gain Coefficient (SHGC) were conducted using the Lawrence Berkeley National Laboratory Window 7.7 NFRC certified software. SHGC % improvement for commercial applications is based on a standard commercial glass makeup of Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2. SHGC for residential applications is based on a default residential glass makeup of 3mm clear glass / 1/2" air / 3mm clear glass. Results for SHGC were obtained using the center of glass. Acoustical performance was tested in accordance with ASTM C423-17a: NRC is Noise Reduction Coefficient, SAA is Sound Absorption Average. For up-to-date test results, performance specifications and larger samples, contact Mermet at info@MermetUSA.com.

Fabrication Methods:

Cutting: Crush, cold, or ultrasonic

Welding: Fabric welds without tape.

250-300°F. 5-10s.

Radio frequency, impulse, hot air, or wedge

Fire Classifications:

NFPA 701-19 TM#1

CAN/ULC-S109-14 Small Flame Test

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS - Lead Free

GREENGUARD Gold

Acoustical Performance:

NRC: 0.05, SAA: 0.07

We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabrication specifications.

Care & Handling

Remove dust with a soft duster, cloth, sponge, vacuum cleaner, or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. For minor stains clean with a soft cloth, sponge, or soft brush dipped in lukewarm soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. For tougher stains and disinfecting instructions visit www.MermetUSA.com.

5970 N. Main Street • Cowpens, SC 29330

Sales Department: Ph (866) 902-9647

info@MermetUSA.com

