



T Screen Naturals 3%

Specifications

Product Category: Conventional	Composition: 36% fiberglass / 64% vinyl
Openness Factor: 3%	Standard Packaging: Rolls of 30 ly (27 lm)
UV Blockage: Approximately 97%	Width: 122" (310 cm)
Fabric Style: Satin	Weight: 12.59 oz / yd ² (427 g / m ²) ± 5%
Item #: 006703	Thickness: .027" (0.68 mm) ± 5%

Fenestration Data

Color#	Color Name	Side*	Fabric Properties					Fabric & Glass			
			Thermal			Optical		Commercial		Residential	
			Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC	
			Rs (%)	As (%)	Ts (%)			Interior	Exterior	Interior	Exterior
002007	Pebble	street	61	26	13	66	11	50	82	0.34	0.12
		room	40	46	14	42	12	32	79	0.46	0.15
002020	Sand	street	65	16	19	69	16	50	76	0.33	0.16
		room	56	24	20	58	17	42	74	0.39	0.18
002002	Beach	street	69	11	20	74	18	53	76	0.31	0.17
		room	69	11	20	74	18	53	76	0.31	0.17
002010	Dune	street	62	22	16	65	13	47	82	0.34	0.14
		room	45	38	17	44	14	34	76	0.44	0.17
00M164	Horizon	street	58	30	12	62	11	45	84	0.36	0.12
		room	33	53	14	33	12	26	76	0.50	0.16

*Room side: identified by the color side; Street side: identified by the white side

The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Solar Transmittance (Ts), Solar Reflectance (Rs), 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 7.3 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. For up-to-date test results, performance specifications and larger samples, contact the Mermet Technical Department at: www.mermetusa.com.

Fabrication Methods:

Cutting: cold, ultrasonic or crush
 Welding: radio frequency, high frequency, impulse, hot air, wedge

Fire Classifications:

NFPA 701-10 TM#1, California U.S. Title 19
 CAN/ULC-S109-03 Small & Large Flame Test

Environmental Benefits:

RoHS - Lead Free

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Acoustical Performance:

NRC: 0.15, SAA: 0.13

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

Care & Handling

Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.

5970 N. Main Street • Cowpens, SC 29330

Sales Department: Ph (866) 902-9647

info@mermetusa.com

