



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 / yd2 (427 g / m2) ± 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	room	40	46	14	42	12	32	79	0.46	0.15
		street	61	26	13	66	11	50	82	0.34	0.12
002020	Sand	room	56	24	20	58	17	42	74	0.39	0.18
		street	65	16	19	69	16	50	76	0.33	0.16
002002	Beach	room	69	11	20	74	18	53	76	0.31	0.17
		street	69	11	20	74	18	53	76	0.31	0.17
002010	Dune	room	45	38	17	44	14	34	76	0.44	0.17
		street	62	22	16	65	13	47	82	0.34	0.14
00M164	Horizon	room	33	53	14	33	12	26	76	0.50	0.16
		street	58	30	12	62	11	45	84	0.36	0.12

*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 Flame Test

Environmental Benefits:

RoHS - Lead Free

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

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



T Screen Naturals 5%

Specifications

Product Category: Conventional	Composition: 36% fiberglass / 64% vinyl
Openness Factor: 5%	Standard Packaging: Rolls of 30 ly (27 lm)
UV Blockage: Approximately 95%	Width: 122" (310 cm)
Fabric Style: Satin	Weight: 12.24 oz / yd ² (415 g / m ²) ± 5%
Item #: 006705	Thickness: .028" (0.71 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	room	36	49	15	38	13	29	76	0.49	0.16
		street	56	30	14	60	12	45	82	0.38	0.13
002020	Sand	room	53	24	23	55	20	39	71	0.41	0.20
		street	61	17	22	64	19	45	74	0.36	0.18
002002	Beach	room	68	9	23	73	21	53	71	0.32	0.19
		street	68	9	23	73	21	53	71	0.32	0.19
002010	Dune	room	41	41	18	39	15	29	74	0.47	0.17
		street	57	26	17	59	14	42	79	0.38	0.15
00M164	Horizon	room	27	58	15	28	13	24	76	0.54	0.16
		street	51	35	14	55	12	39	82	0.40	0.13

*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.

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