



T Screen Naturals 1%

Specifications

Product Category: Conventional	Composition: 36% fiberglass / 64% vinyl
Openness Factor: 1%	Standard Packaging: Rolls of 30 ly (27 lm)
UV Blockage: Approximately 99%	Width: 122" (310 cm)
Fabric Style: Satin	Weight: 13.83 oz / yd2 (469 g / m2) ± 5%
Item #: 006701	Thickness: 0.027" (0.70 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	66	26	8	70	6	55	87	0.28	0.08
		room	40	51	9	42	7	37	82	0.42	0.12
002020	Sand	street	70	16	14	75	12	58	82	0.27	0.13
		room	60	25	15	62	12	50	79	0.33	0.15
002002	Beach	street	74	10	16	79	14	61	79	0.25	0.14
		room	73	10	17	78	15	61	79	0.26	0.15
002010	Dune	street	66	24	10	70	8	55	87	0.28	0.10
		room	45	44	11	45	8	39	82	0.40	0.13
00M164	Horizon	street	63	31	6	67	5	53	89	0.29	0.07
		room	30	63	7	31	5	32	82	0.46	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

Acoustical Performance:

NRC: 0.15, SAA: 0.16

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 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

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS - Lead Free

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.

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T Screen Naturals 5%

Specifications

Product Category: Conventional
Openness Factor: 5%
UV Blockage: Approximately 95%
Fabric Style: Satin
Item #: 006705

Composition: 36% fiberglass / 64% vinyl
Standard Packaging: Rolls of 30 ly (27 lm)
Width: 122" (310 cm)
Weight: 12.24 oz / yd² (415 g / m²) ± 5%
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	street	56	30	14	60	12	45	82	0.38	0.13
		room	36	49	15	38	13	29	76	0.49	0.16
002020	Sand	street	61	17	22	64	19	45	74	0.36	0.18
		room	53	24	23	55	20	39	71	0.41	0.20
002002	Beach	street	68	9	23	73	21	53	71	0.32	0.19
		room	68	9	23	73	21	53	71	0.32	0.19
002010	Dune	street	57	26	17	59	14	42	79	0.38	0.15
		room	41	41	18	39	15	29	74	0.47	0.17
00M164	Horizon	street	51	35	14	55	12	39	82	0.40	0.13
		room	27	58	15	28	13	24	76	0.54	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.

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Fire Classifications:

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Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS - Lead Free

Acoustical Performance:

NRC: 0.10, SAA: 0.07

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Care & Handling

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