

T SCREEN DECO™

T SCREEN DECO™ | 1% 3% 5% OPENNESS

 **SHADES BY MATISS**



A vinyl coated fiberglass fabric with a satin weave pattern and a unique style, texture and color. This distinctive fabric has a dual-sided, highly reflective white backing for thermal control and a bicolor woven face for indoor aesthetics.

T SCREEN DECO™

HIGH PERFORMANCE | 1% 3% 5% OPENNESS

SPECIFICATIONS

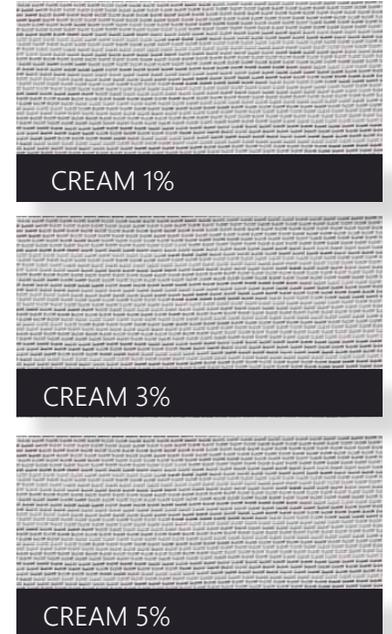
Fabric Style	UV Blockage	Composition	Standard Roll Length	Warranty
Satin	Approximately 95%-99%	36% Fiberglass, 64% Vinyl	30 ly (27 lm)	5 Year Exterior / 10 Year Interior

E SCREEN™

Openness	Item No.	Width 78"	Width 98"	Width 122"	Weight (oz/ yd2)	Thickness (inches)
1%	006601	Yes		Yes	13.76	0.028
3%	006603	Yes		Yes	12.98	0.028
5%	006605	Yes		Yes	11.89	0.028

Available Colors

- Cream
- Mocha
- Toffee
- Espresso
- Cappuccino



Sun Control Textiles™

Mermet Corporation
 5970 N. Main Street Cowpens, SC 29330
 1.866.902.9647 info@MermetUSA.com
 MermetUSA.com

Product performance and specification data is subject to change, visit www.Mermetusa.com for the most current information



T SCREEN DECO™

PRODUCT SPECIFICATIONS SHEET

T Screen Deco™ 1%

Openness Factor	1%	Composition	36% fiberglass / 64% vinyl
UV Blockage	Approximately 99%	Standard Packaging	Rolls of 30 ly (27 lm)
Fabric Style	Satin	Width	122" (310 cm)
Item #	006601	Weight	13.76 oz / yd2 (467 g / m2) ± 5%
		Thickness	0.028" (0.72 mm) ± 5%

Color #	Color Name	Side*	Fabric Properties					Fabric & Class			
			Thermal			Optical		Commercial		Residential	
			Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)	Interior	Exterior	Interior	Exterior
			<i>Total Solar</i>					SHGC % Improvement		SHGC Improvement	
A0D088	Toffee	street	64	28	8	69	7	55	87	0.29	0.09
A0D088	Toffee	room	38	53	9	43	8	37	79	0.43	0.13
A0D064	Cream	street	68	21	11	73	10	58	84	0.28	0.11
A0D064	Cream	room	54	34	12	59	11	47	79	0.35	0.14
A0D065	Cappuccino	street	65	26	9	69	8	55	87	0.29	0.1
A0D065	Cappuccino	room	41	48	11	44	9	37	79	0.42	0.14
A0D067	Mocha	street	60	33	7	64	6	53	87	0.31	0.09
A0D067	Mocha	room	27	64	9	27	7	29	79	0.49	0.14
A0D066	Espresso	street	58	36	6	62	5	50	89	0.32	0.08
A0D066	Espresso	room	20	73	7	21	6	24	79	0.51	0.13

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

Fabric properties may vary from the values reported due to standard variations in the manufacturing process. The fabric fenestration testing was conducted in accordance with ASTM G173 & ASTM E903: 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 NFRC certified software. SHGC% improvement for commercial applications is based on a standard commercial glass make up of Double Glazing 6mm/1/2" air /6mm with low Eonsurface#2. SHGC for residential applications is based on a default residential glass make up 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: NRC is Noise Reduction Coefficient; SAA is Sound Absorption Average. For up-to-date test results, performance specifications and large rsamples. contact Mermet at info@MermetUSA.com.

Care and Cleaning

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.

Fabrication Methods:

Cutting: Crush, cold, or ultrasonic
Welding: Fabric welds without tape. 250-275°F. 5-10s
 Radio frequency, impulse, hot air, or wedge

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

Fire Classifications:

NFPA 701 TM#1, California U.S. Title 19
 CAN/ULC-S109

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS – Lead Free
 GREENGUARD Gold

Acoustical Performance:

NRC: 0.10, SAA: 0.11



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MASSACHUSETTS
 H4900 COMPLIANT

T SCREEN DECO™

PRODUCT SPECIFICATIONS SHEET

T Screen Deco™ 3%

Openness Factor	3%	Composition	36% fiberglass / 64% vinyl
UV Blockage	Approximately 97%	Standard Packaging	Rolls of 30 ly (27 lm)
Fabric Style	Satin	Width	122" (310 cm)
Item #	006603	Weight	12.98 oz / yd2 (440 g / m2) ± 5%
		Thickness	0.028" (0.71 mm) ± 5%

Color #	Color Name	Side*	Fabric Properties					Fabric & Class			
			Thermal			Optical		Commercial		Residential	
			Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)	Interior	Exterior	Interior	Exterior
			<i>Total Solar</i>					SHGC % Improvement		SHGC Improvement	
A0D088	Toffee	street	61	26	13	66	12	47	82	0.34	0.12
A0D088	Toffee	room	40	45	15	44	13	34	76	0.46	0.16
A0D064	Cream	street	64	20	16	69	15	50	79	0.33	0.14
A0D064	Cream	room	54	28	18	59	16	42	76	0.39	0.17
A0D065	Cappuccino	street	61	25	14	65	12	47	82	0.35	0.13
A0D065	Cappuccino	room	43	41	16	44	14	34	76	0.45	0.16
A0D067	Mocha	street	57	31	12	61	11	45	84	0.36	0.12
A0D067	Mocha	room	30	57	13	31	12	26	76	0.51	0.15
A0D066	Espresso	street	55	34	11	59	10	45	84	0.37	0.11
A0D066	Espresso	room	24	64	12	26	11	24	79	0.54	0.15

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

Fabric properties may vary from the values reported due to standard variations in the manufacturing process. The fabric fenestration testing was conducted in accordance with ASTM G173 & ASTM E903: 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 NFRC certified software. SHGC% improvement for commercial applications is based on a standard commercial glass make up of Double Glazing 6mm/1/2" air / 6mm with low Eonsurface#2. SHGC for residential applications is based on a default residential glass make up 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: NRC is Noise Reduction Coefficient; SAA is Sound Absorption Average. For up-to-date test results, performance specifications and large rsamples, contact Mermet at info@MermetUSA.com.

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Fabrication Methods:

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Welding: Fabric welds without tape. 250-275°F. 5-10s

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Fire Classifications:

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CAN/ULC-S109

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS – Lead Free

GREENGUARD Gold

Acoustical Performance:

NRC: 0.15, SAA: 0.14



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T Screen Deco™ 5%

Openness Factor	5%	Composition	36% fiberglass / 64% vinyl
UV Blockage	Approximately 95%	Standard Packaging	Rolls of 30 ly (27 lm)
Fabric Style	Satin	Width	122" (310 cm)
Item #	006605	Weight	11.89 oz / yd2 (403 g / m2) ± 5%
		Thickness	0.028" (0.70 mm) ± 5%

Color #	Color Name	Side*	Fabric Properties					Fabric & Class			
			Thermal			Optical		Commercial		Residential	
			Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)	Interior	Exterior	Interior	Exterior
			Total Solar					SHGC % Improvement		SHGC Improvement	
A0D088	Toffee	street	56	29	15	61	13	45	82	0.38	0.16
A0D088	Toffee	room	38	47	15	42	14	32	76	0.47	0.16
A0D064	Cream	street	62	20	18	67	16	47	79	0.35	0.16
A0D064	Cream	room	51	31	18	55	17	39	74	0.41	0.17
A0D065	Cappuccino	street	57	27	16	61	14	45	79	0.37	0.14
A0D065	Cappuccino	room	38	45	17	39	14	29	76	0.48	0.17
A0D067	Mocha	street	52	34	14	56	12	42	82	0.4	0.13
A0D067	Mocha	room	28	57	15	28	13	24	76	0.54	0.16
A0D066	Espresso	street	49	38	13	53	12	39	82	0.41	0.13
A0D066	Espresso	room	20	66	14	22	13	21	76	0.57	0.16

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Bacterial and Fungal Resistance:

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Environmental Benefits:

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Acoustical Performance:

NRC: 0.10, SAA: 0.08



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