

E SCREEN DECO™



E SCREEN DECO™ 1% 3% OPENNESS

 **SHADES BY MATISS**



BALSA



BIRCH



ASPEN



MAGNOLIA



POPLAR



ELM



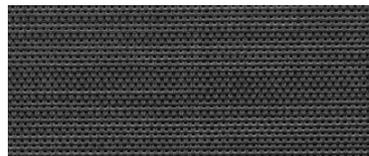
CEDAR



WILLOW



MAHOGANY



EBONY



**MASSACHUSETTS
H4900 COMPLIANT**

A vinyl coated fiberglass fabric that maintains E Screen view through and 2x2 basketweave construction as other products in the E Screen Collection, while providing a unique visual aesthetic using dual color yarns.

E SCREEN DECO™

DECORATIVE 1% 3% OPENNESS

SPECIFICATIONS

Fabric Style	UV Blockage	Composition	Standard Roll Length	Warranty
Basketweave	Approximately 97%–99%	36% Fiberglass, 64% Vinyl	34 ly (31 lm)	5 Year Exterior / 10 Year Interior

E SCREEN DECO™

Openness	Item No.	78" Available	98" Available	122" Available	Weight oz/ yd2 (±5%)	Thickness inches (±5%)
1%	007551			Yes	12.3	0.022
3%	007553			Yes	11.5	0.019

Available Colors

Balsa	Elm
Birch	Willow
Aspen	Cedar
Magnolia	Mahogany
Poplar	Ebony



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



E SCREEN DECO™

PRODUCT SPECIFICATIONS SHEET

E Screen Deco™ 1%

Openness Factor	1%
UV Blockage	Approximately 99%
Fabric Style	Basketweave
Item #	007551
Composition	36% fiberglass / 64% vinyl
Standard Packaging	Rolls of 34 ly (31 lm)
Width	122" (310 cm)
Weight	12.30 oz/yd ² (416 g/m ²) ±5%
Thickness	0.022" (0.55 mm) ±5%

Color#	Color Name	Fabric Properties					Fabric & Class			
		Thermal			Optical		Commercial		Residential	
		Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)	Interior	Exterior	Interior	Exterior
		Total Solar					SHGC % Improvement		SHGC	
A00BAL	Balsa	73	13	14	78	13	60	80	0.26	0.13
A00BIR	Birch	69	18	13	73	10	57	82	0.28	0.12
A00ASP	Aspen	58	32	10	63	7	50	84	0.33	0.11
A00MAG	Magnolia	57	35	8	63	6	50	87	0.33	0.1
A00POP	Poplar	48	43	9	51	7	42	84	0.38	0.11
A00ELM	Elm	36	58	6	38	4	34	84	0.44	0.11
A00WIL	Willow	35	61	4	38	3	34	84	0.44	0.1
A00CED	Cedar	21	75	4	22	3	26	84	0.5	0.11
A00MAH	Mahogany	8	90	2	8	2	18	81	0.57	0.12
A00EBO	Ebony	5	93	2	5	2	17	81	0.58	0.12

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 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: 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. 200–300°F. 5–10s.

Radio frequency, impulse, hot air, or wedge

Railroadable: Mermet recommends customer specific testing

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



Sun Control Textiles™

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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: 0.50, SAA: 0.49

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

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H4900 COMPLIANT

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PRODUCT SPECIFICATIONS SHEET

E Screen Deco™ 3%

Openness Factor	3%
UV Blockage	Approximately 97%
Fabric Style	Basketweave
Item #	007553
Composition	36% fiberglass / 64% vinyl
Standard Packaging	Rolls of 34 ly (31 lm)
Width	122" (310 cm)
Weight	11.50 oz/yd ² (390 g/m ²) ±5%
Thickness	0.019" (0.49 mm) ±5%

Color#	Color Name	Fabric Properties					Fabric & Class			
		Thermal			Optical		Commercial		Residential	
		Rs (%)	As (%)	Ts (%)	Rv (%)	Tv (%)	Interior	Exterior	Interior	Exterior
		Total Solar					SHGC % Improvement		SHGC	
A00BAL	Balsa	70	13	17	74	19	56	74	0.29	0.16
A00BIR	Birch	65	19	16	69	13	54	79	0.3	0.14
A00ASP	Aspen	52	35	13	57	11	45	82	0.37	0.13
A00MAG	Magnolia	51	39	10	57	9	45	82	0.37	0.12
A00POP	Poplar	44	45	11	48	9	39	82	0.41	0.13
A00ELM	Elm	35	55	10	37	8	34	82	0.45	0.13
A00WIL	Willow	35	58	7	38	6	34	82	0.45	0.11
A00CED	Cedar	23	71	6	25	5	26	82	0.5	0.12
A00MAH	Mahogany	9	85	6	9	5	18	79	0.57	0.14
A00EBO	Ebony	5	90	5	5	5	16	78	0.58	0.14

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RoHS – Lead Free
GREENGUARD Gold

Acoustical Performance:

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