

E Screen Deco™

Decorative | 1% 3% openness



000CYP
Cypress

000POP
Poplar

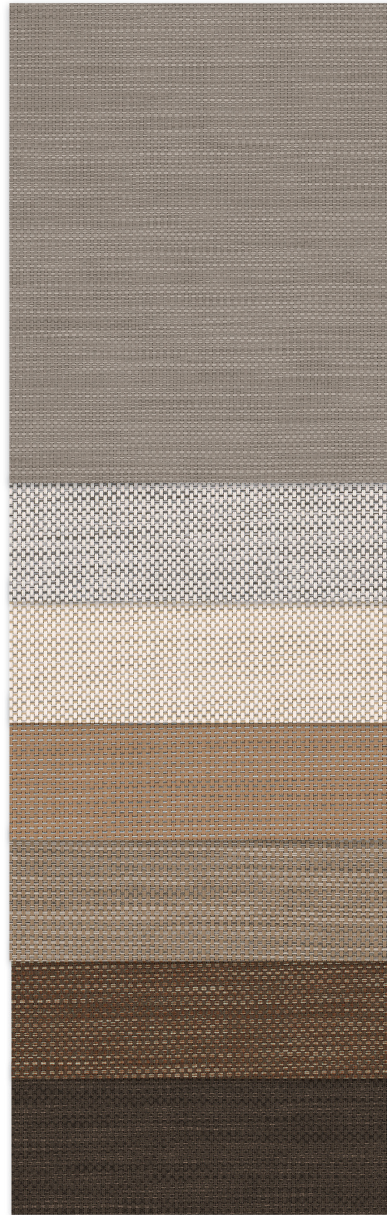
000CED
Cedar

000SYC
Sycamore

000MAP
Maple

000PAL
Palmetto

000OAK
Oak



000WIL
Willow

000MAG
Magnolia

000ASP
Aspen

000HIC
Hickory

000ELM
Elm

000WAL
Walnut

000SPR
Spruce

Fabrics sampled on waterfall are 3% openness.

A Modern Classic, Reimagined

Traditional E Screen is known for being a stable, reliable, and balanced basketweave. Yet, inspired by a growing demand for decorative shade fabrics, Mermet created E Screen Deco. The fabric has the same great view through and solar performance characteristics people have come to favor with E Screen, but now with a sophisticated textured appearance. E Screen Deco was an intuitive extension of the E Screen collection and was created for those who want both high performing and stylish shading.



Offering Seamless Design Continuity, Similar To E Screen When Backlit

E Screen Deco has two distinct, yet subtle design styles to choose from. Half of the line incorporates Deco bicolored yarns in the horizontal orientation of the fabric, while the other half incorporates Deco yarns in both directions. The unique appearance of Deco yarn achieves a sophisticated visual texture, resulting in a beautiful, yet innovative fabric.





E Screen Deco™

Decorative | 1% 3% openness

Specifications

Item Number	1% 007551 3% 007553
Product Category	Decorative
Fabric Style	Basket Weave
Openness Factor	1% & 3%
Composition	36% Fiberglass / 64% Vinyl
UV Blockage	Approximately 97%-99%
Standard Packaging	Rolls of 30 ly (27 lm)
Width	98 in (250 cm), 122 in (310 cm)
Weight	1% 12.30 oz/yd ² (416 g/m ²)±5% 3% 11.50 oz/yd ² (390 g/m ²)±5%
Thickness	1% 0.022 in (0.55 mm)±5% 3% 0.019 in (0.49 mm)±5%

Classifications

Fire Classifications

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

Bacterial Resistance

ASTM E2180, ASTM G21

Environment

RoHS - Lead Free, GREENGUARD Gold

Acoustic

1% NRC 0.50, SAA: 0.49 | 3% NRC 0.15, SAA: 0.13

Fabrication

Cutting: Cold, Ultrasonic or Crush | **Welding:** Radio Frequency, High Frequency, Impulse, Hot Air or Wedge
We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabric specifications.

E Screen Deco™

ITEM COLOR

000CYP	Cypress
000POP	Poplar
000CED	Cedar
000SYC	Sycamore
000MAP	Maple
000PAL	Palmetto
000OAK	Oak
000WIL	Willow
000MAG	Magnolia
000ASP	Aspen
000HIC	Hickory
000ELM	Elm
000WAL	Walnut
000SPR	Spruce

Warranty

Care & Handling

Mermet Corporation
5970 N. Main Street ■ Cowpens, SC 29330
Ph 1.866.902.9647 ■ info@mermetusa.com

mermetusa.com



www.shadesbymatiss.com | T. 800 493 2040 | email: info@shadesbymatiss.com

FABRIC

thermal Total Solar						optical						commercial SHGC% Improvement						residential SHGC					
Rs %		As %		Ts %		Rv %		Tv %		Interior		Exterior		Interior		Exterior		Interior		Exterior		Interior	
1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3
54	53	36	35	10	12	59	58	8	10	47	45	84	82	0.35	0.36	0.11	0.13	0.38	0.41	0.11	0.13	0.50	0.50
48	44	43	45	9	11	51	48	7	9	42	39	84	82	0.38	0.41	0.11	0.13	0.49	0.51	0.10	0.13	0.52	0.54
21	23	75	71	4	6	22	25	3	5	26	26	84	82	0.50	0.50	0.11	0.12	0.52	0.53	0.11	0.13	0.53	0.55
23	23	74	69	3	8	23	24	2	6	26	26	84	82	0.49	0.51	0.10	0.13	0.52	0.54	0.11	0.13	0.53	0.55
17	15	79	78	4	7	16	14	3	6	21	21	82	79	0.52	0.54	0.11	0.13	0.52	0.53	0.11	0.13	0.53	0.55
18	17	79	77	3	6	18	18	3	5	24	21	82	82	0.52	0.53	0.11	0.13	0.52	0.53	0.11	0.13	0.53	0.55
14	12	83	82	3	6	13	12	2	6	21	18	82	79	0.53	0.55	0.11	0.13	0.52	0.53	0.11	0.13	0.53	0.55
35	35	61	58	4	7	38	38	3	6	34	34	84	82	0.44	0.45	0.10	0.11	0.44	0.45	0.10	0.11	0.44	0.45
57	51	35	39	8	10	63	57	6	9	50	45	87	82	0.33	0.37	0.10	0.12	0.44	0.45	0.10	0.11	0.44	0.45
58	52	32	35	10	13	63	57	7	11	50	45	84	82	0.33	0.37	0.11	0.13	0.44	0.45	0.10	0.11	0.44	0.45
37	35	55	54	8	11	38	36	6	9	34	32	84	79	0.44	0.46	0.12	0.14	0.44	0.45	0.11	0.13	0.44	0.45
36	35	58	55	6	10	38	37	4	8	34	34	84	82	0.44	0.45	0.11	0.13	0.44	0.45	0.11	0.13	0.44	0.45
11	12	87	83	2	5	11	12	2	5	18	18	82	82	0.54	0.55	0.11	0.13	0.54	0.55	0.11	0.13	0.54	0.55
8	8	90	88	2	4	8	8	1	4	18	16	82	82	0.55	0.57	0.11	0.13	0.54	0.55	0.11	0.13	0.54	0.55

5 Year Exterior & 10 Year Interior

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.

The fabric performance tests were conducted in accordance with ASTM E911 & ASTM E903-96: Total Solar Transmittance (T_s), Total Solar Reflectance (R_s), Solar Reflectance in Infrared (R_s IR), Total Solar Absorbance (A_s), Visible Reflectance (R_v), and Visible Transmittance (T_v). 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 C423-09a: NRC is Noise Reduction Coefficient, SAA is Sound Absorption Average. For up-to-date test results, performance specifications and larger samples, contact the Mermet Technical Department at: www.mermetusa.com

© 2019, Mermet Corporation, All right reserved, US and Foreign patents pending.

09.19.V1