

# E Screen Deco™

Decorative | 1% 3% openness



000CYP  
Cypress

000POP  
Poplar

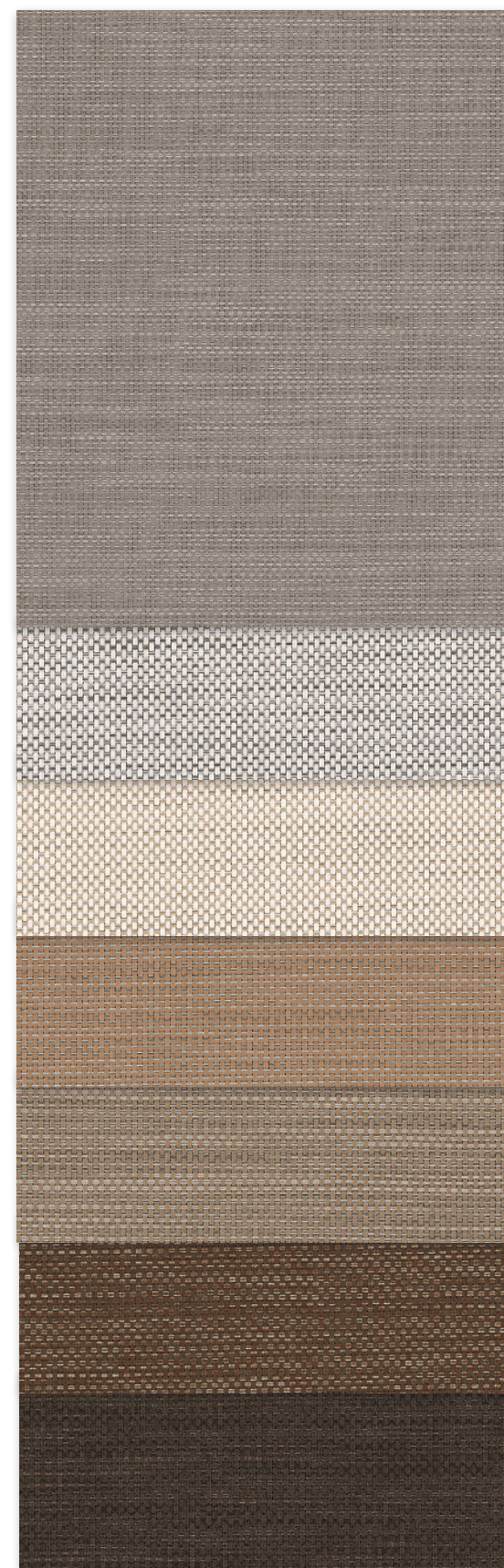
000CED  
Cedar

000SYC  
Sycamore

000MAP  
Maple

000PAL  
Palmetto

000OAK  
Oak



000WIL  
Willow

000MAG  
Magnolia

000ASP  
Aspen

000HIC  
Hickory

000ELM  
Elm

000WAL  
Walnut

000SPR  
Spruce

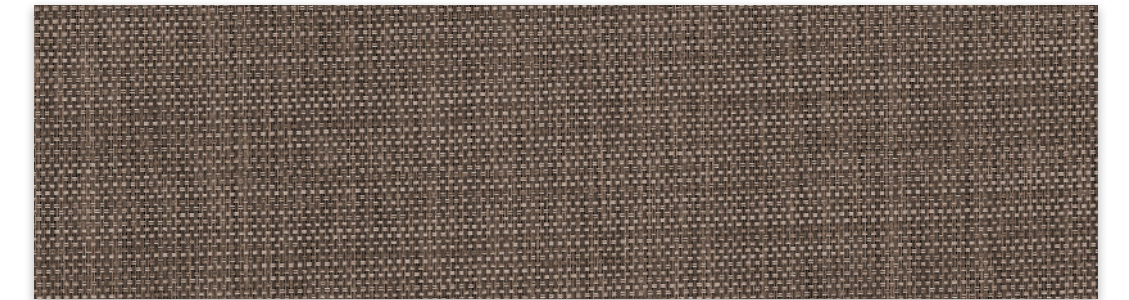
## A Modern Classic, Reimagined

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.



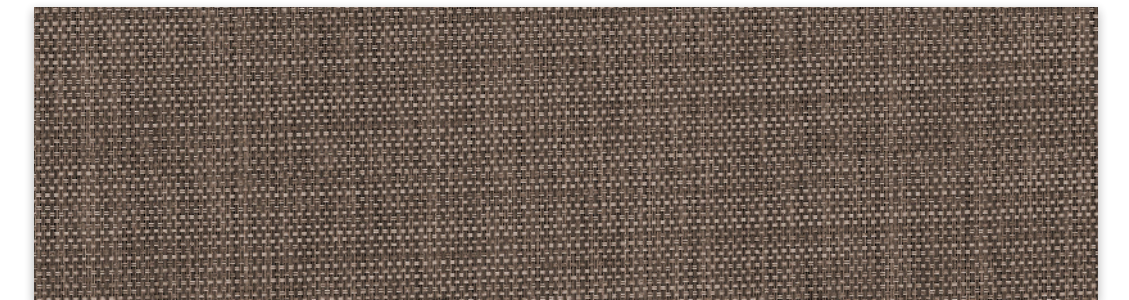
## Offering Seamless Design Continuity, Similar To E Screen When Backlit

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.



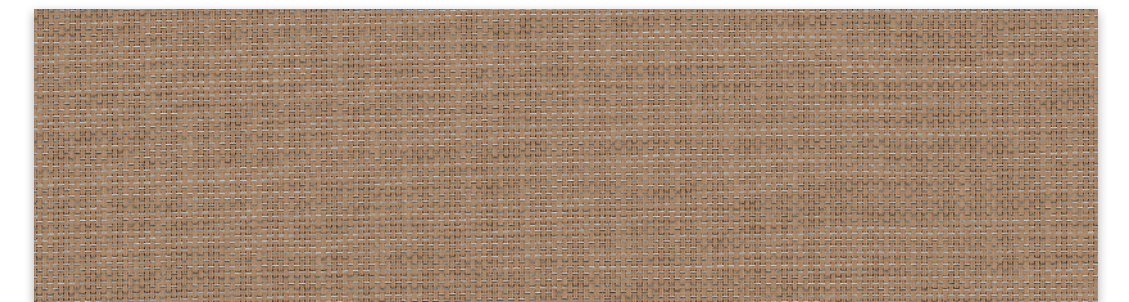
1%

000PAL  
Palmetto



3%

000PAL  
Palmetto



1%

000HIC  
Hickory

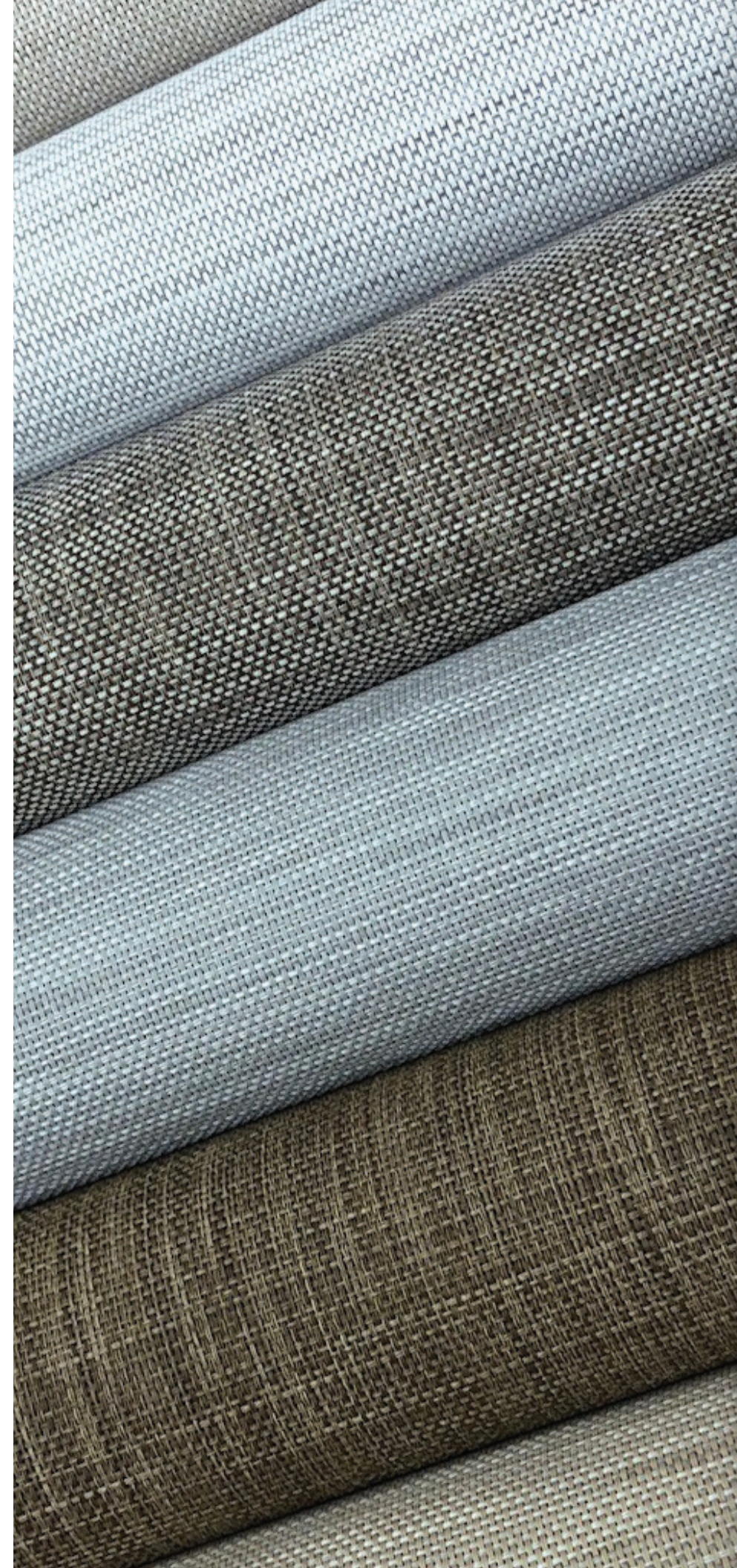


3%

000HIC  
Hickory

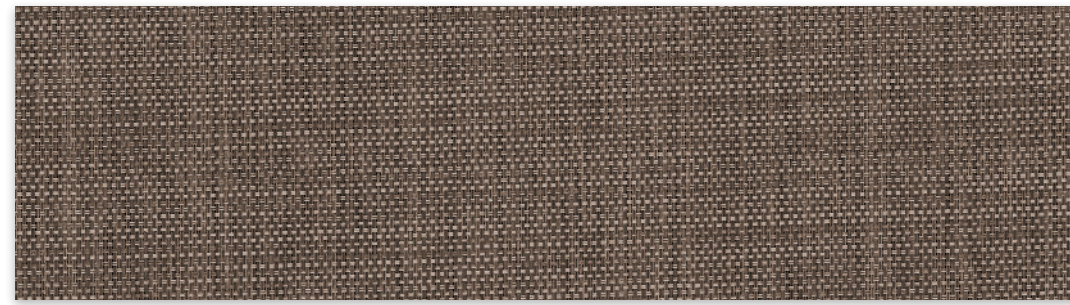
Fabrics sampled on waterfall are 3% openness.





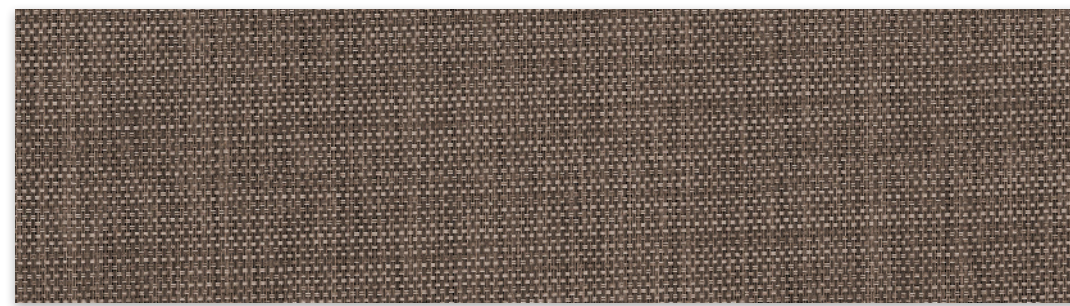
# E Screen Deco™

Decorative | 1% 3% openness



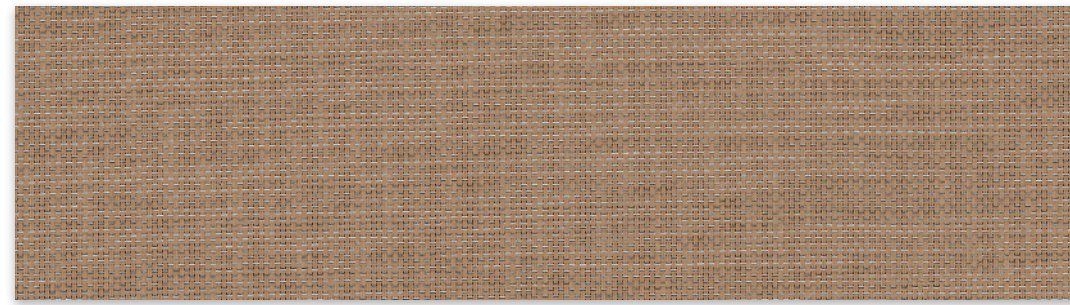
1%

000PAL  
Palmetto



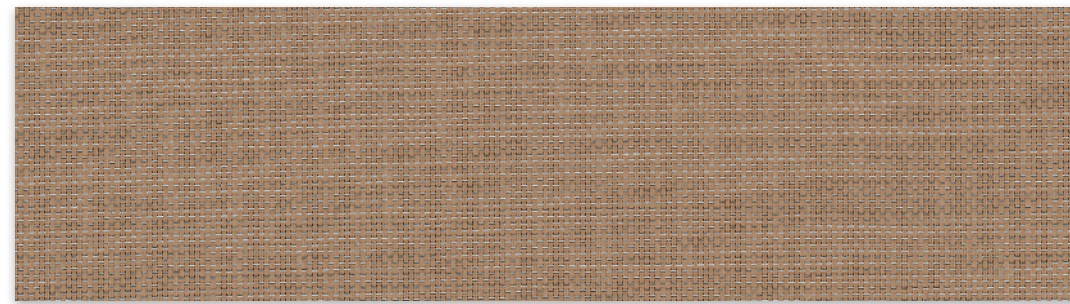
3%

000PAL  
Palmetto



1%

000HIC  
Hickory



3%

000HIC  
Hickory

## 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 <sup>2</sup> (416 g/m <sup>2</sup> )±5%   3% 11.50 oz/yd <sup>2</sup> (390 g/m <sup>2</sup> )±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 Environment**  
ASTM E2180, ASTM G21  
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

### FABRIC

thermal		optical							
Total Solar		Rv   %		Tv   %					
Rs   %	As   %	Ts   %	1	3	1	3			
1	3	1	3	1	3	1	3		
54	53	36	35	10	12	59	58	8	10
48	44	43	45	9	11	51	48	7	9
21	23	75	71	4	6	22	25	3	5
23	23	74	69	3	8	23	24	2	6
17	15	79	78	4	7	16	14	3	6
18	17	79	77	3	6	18	18	3	5
14	12	83	82	3	6	13	12	2	6
35	35	61	58	4	7	38	38	3	6
57	51	35	39	8	10	63	57	6	9
58	52	32	35	10	13	63	57	7	11
37	35	55	54	8	11	38	36	6	9
36	35	58	55	6	10	38	37	4	8
11	12	87	83	2	5	11	12	2	5
8	8	90	88	2	4	8	8	1	4

### FABRIC + GLASS

commercial SHGC% Improvement				residential SHGC			
Interior		Exterior		Interior		Exterior	
1	3	1	3	1	3	1	3
1	3	1	3	1	3	1	3
47	45	84	82	0.35	0.36	0.11	0.13
42	39	84	82	0.38	0.41	0.11	0.13
26	26	84	82	0.50	0.50	0.11	0.12
26	26	84	82	0.49	0.51	0.10	0.13
21	21	82	79	0.52	0.54	0.11	0.13
24	21	82	82	0.52	0.53	0.11	0.13
21	18	82	79	0.53	0.55	0.11	0.13
34	34	84	82	0.44	0.45	0.10	0.11
50	45	87	82	0.33	0.37	0.10	0.12
50	45	84	82	0.44	0.46	0.12	0.14
34	34	84	82	0.44	0.45	0.11	0.13
18	18	82	82	0.54	0.55	0.11	0.13
18	16	82	82	0.55	0.57	0.11	0.13

## Warranty

5 Year Exterior & 10 Year Interior

## 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.

**Mermet Corporation**  
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Ph 1.866.902.9647 ■ info@mermetusa.com

The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Solar Reflectance in Infrared (Rsi), Total Solar Absorbance (As), Visible Reflectance (Rv), and Visible Transmittance (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 C423-09a: 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](http://www.mermetusa.com)