E Screen Deco™

Decorative | 1% 3% openness

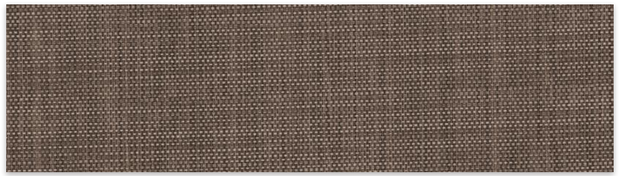
Fabrics sampled on waterfall are 3% openness.

A Modern Classic, Reimagined

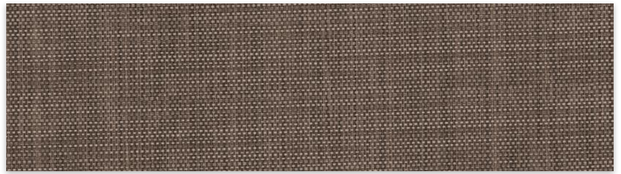
Traditional E Screen is known for being a stable, reliable, and balanced basketweave. Yet, inspired by a growing demand for decorative shade fabrics, Mermet created E Screen Deco. The fabric has the same great view through and solar performance characteristics people have come to favor with E Screen, 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.



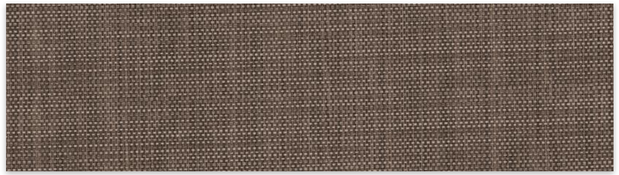
1% 000PAL Palmetto



3% 000PAL Palmetto

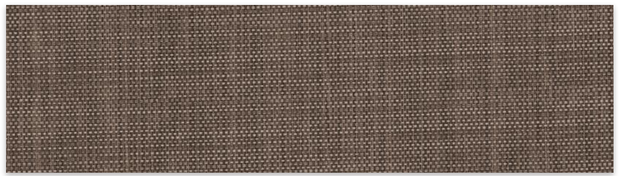
1% 000HIC Hickory

3% 000HIC Hickory



1%

000PAL
Palmetto



3%

000PAL
Palmetto

1%

000HIC
Hickory

3%

000HIC
Hickory

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)
Weight	**1%** 12.30 oz/yd² (416 g/m²) ±5% | **3%** 11.50 oz/yd² (390 g/m²) ±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™

		FABRIC								FABRIC+GLASS					
		thermal Total Solar						optical			commercial SHGC% Improvement			residential SHGC	
		Rs | %		As | %		Ts | %		Rv | %		Tv | %		Interior		Exterior		Interior		Exterior	
ITEM	COLOR	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3
000CYP	**Cypress**	**54**	**53**	**36**	**35**	**10**	**12**	**59**	**58**	**8**	**10**	**47**	**45**	**84**	**82**	**0.35**	**0.36**	**0.11**	**0.13**
000POP	Poplar	48	44	43	45	9	11	51	48	7	9	42	39	84	82	0.38	0.41	0.11	0.13
000CED	**Cedar**	**21**	**23**	**75**	**71**	**4**	**6**	**22**	**25**	**3**	**5**	**26**	**26**	**84**	**82**	**0.50**	**0.50**	**0.11**	**0.12**
000SYC	Sycamore	23	23	74	69	3	8	23	24	2	6	26	26	84	82	0.49	0.51	0.10	0.13
000MAP	**Maple**	**17**	**15**	**79**	**78**	**4**	**7**	**16**	**14**	**3**	**6**	**21**	**21**	**82**	**79**	**0.52**	**0.54**	**0.11**	**0.13**
000PAL	Palmetto	18	17	79	77	3	6	18	18	3	5	24	21	82	82	0.52	0.53	0.11	0.13
000OAK	**Oak**	**14**	**12**	**83**	**82**	**3**	**6**	**13**	**12**	**2**	**6**	**21**	**18**	**82**	**79**	**0.53**	**0.55**	**0.11**	**0.13**
000WIL	Willow	35	35	61	58	4	7	38	38	3	6	34	34	84	82	0.44	0.45	0.10	0.11
000MAG	**Magnolia**	**57**	**51**	**35**	**39**	**8**	**10**	**63**	**57**	**6**	**9**	**50**	**45**	**87**	**82**	**0.33**	**0.37**	**0.10**	**0.12**
000ASP	Aspen	58	52	32	35	10	13	63	57	7	11	50	45	84	82	0.33	0.37	0.11	0.13
000HIC	**Hickory**	**37**	**35**	**55**	**54**	**8**	**11**	**38**	**36**	**6**	**9**	**34**	**32**	**84**	**79**	**0.44**	**0.46**	**0.12**	**0.14**
000ELM	Elm	36	35	58	55	6	10	38	37	4	8	34	34	84	82	0.44	0.45	0.11	0.13
000WAL	**Walnut**	**11**	**12**	**87**	**83**	**2**	**5**	**11**	**12**	**2**	**5**	**18**	**18**	**82**	**82**	**0.54**	**0.55**	**0.11**	**0.13**
000SPR	Spruce	8	8	90	88	2	4	8	8	1	4	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
5970 N. Main Street ■ Cowpens, SC 29330
Ph 1.866.902.9647 ■ info@mermetusa.com

mermetusa.com

MERMET
Sun Control Textiles™

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 (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 / ½" 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 / ½" 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**

09.19.V1

MERMET
Sun Control Textiles™

Product Specifications Sheet

E Screen Deco™ 1%

Specifications

Product Category: Decorative
Openness Factor: 1%
UV Blockage: Approximately 99%
Fabric Style: Basketweave
Item #: 007551

Composition: 36% fiberglass / 64% vinyl
Standard Packaging: Rolls of 30 ly (27 lm)
Width: 98" (250 cm)
Weight: 12.30 oz / yd2 (416 g / m2) ± 5%
Thickness: 0.022" (0.55 mm) ± 5%

Fenestration Data

		Fabric Properties					Fabric & Glass			
		Thermal			*Optical*		*Commercial*		*Residential*	
Color#	Color Name	Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC	
		Rs (%)	As (%)	Ts (%)			Interior	Exterior	Interior	Exterior
000PAL	Palmetto	18	79	3	18	3	24	82	0.52	0.11
000HIC	Hickory	37	55	8	38	6	34	84	0.44	0.12
000CYP	Cypress	54	36	10	59	8	47	84	0.35	0.11
000POP	Poplar	48	43	9	51	7	42	84	0.38	0.11
000CED	Cedar	21	75	4	22	3	26	84	0.50	0.11
000SYC	Sycamore	23	74	3	23	2	26	84	0.49	0.10
000MAP	Maple	17	79	4	16	3	21	82	0.52	0.11
000OAK	Oak	14	83	3	13	2	21	82	0.53	0.11
000WIL	Willow	35	61	4	38	3	34	84	0.44	0.10
000MAG	Magnolia	57	35	8	63	6	50	87	0.33	0.10
000ASP	Aspen	58	32	10	63	7	50	84	0.33	0.11
000ELM	Elm	36	58	6	38	4	34	84	0.44	0.11
000WAL	Walnut	11	87	2	11	2	18	82	0.54	0.11
000SPR	Spruce	8	90	2	8	1	18	82	0.55	0.11

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 (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 / ½" 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.

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: 0.50, SAA: 0.49

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

MERMET
Sun Control Textiles™

Product Specifications Sheet

E Screen Deco™ 3%

Specifications

Product Category: Decorative
Openness Factor: 3%
UV Blockage: Approximately 97%
Fabric Style: Basketweave
Item #: 007553

Composition: 36% fiberglass / 64% vinyl
Standard Packaging: Rolls of 30 ly (27 lm)
Width: 98" (250 cm)
Weight: 11.50 oz / yd2 (390 g / m2) ± 5%
Thickness: 0.019" (0.49 mm) ± 5%

Fenestration Data

		Fabric Properties					Fabric & Glass			
		Thermal			*Optical*		*Commercial*		*Residential*	
Color#	Color Name	Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC	
		Rs (%)	As (%)	Ts (%)			Interior	Exterior	Interior	Exterior
000PAL	Palmetto	17	77	6	18	5	21	82	0.53	0.13
000HIC	Hickory	35	54	11	36	9	32	79	0.46	0.14
000CYP	Cypress	53	35	12	58	10	45	82	0.36	0.13
000POP	Poplar	44	45	11	48	9	39	82	0.41	0.13
000CED	Cedar	23	71	6	25	5	26	82	0.50	0.12
000SYC	Sycamore	23	69	8	24	6	26	82	0.51	0.13
000MAP	Maple	15	78	7	14	6	21	79	0.54	0.13
000OAK	Oak	12	82	6	12	6	18	79	0.55	0.13
000WIL	Willow	35	58	7	38	6	34	82	0.45	0.11
000MAG	Magnolia	51	39	10	57	9	45	82	0.37	0.12
000ASP	Aspen	52	35	13	57	11	45	82	0.37	0.13
000ELM	Elm	35	55	10	37	8	34	82	0.45	0.13
000WAL	Walnut	12	83	5	12	5	18	82	0.55	0.13
000SPR	Spruce	8	88	4	8	4	16	82	0.57	0.13

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 (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 / ½" 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.

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.

5970 N. Main Street • Cowpens, SC 29330
Sales Department: Ph (866) 902-9647
info@mermetusa.com