



Sun Control Textiles™

Product Specifications Sheet



M Screen Deco™ 3%

Specifications

Product Category: Decorative	Composition: 36% fiberglass / 64% vinyl
Openness Factor: 3%	Standard Packaging: Rolls of 30 ly (27 lm)
UV Blockage: Approximately 97%	Width: 98" (250 cm)
Fabric Style: Rib Weave	Weight: 12.21 oz / yd2 (414 g / m2) ± 5%
Item #: 008553	Thickness: .023" (0.58 mm) ± 5%

Fenestration Data

Color#	Color Name	Fabric Properties					Fabric & Glass			
		Thermal			Optical		Commercial		Residential	
		Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC	
		Rs (%)	As (%)	Ts (%)			Interior	Exterior	Interior	Exterior
00D249	Flagstone	23	71	6	23	5	24	84	0.54	0.10
00D137	River Rock	33	60	7	35	6	29	84	0.49	0.10
00D237	Hazelnut	13	83	4	12	4	16	84	0.59	0.10
00D012	Parchment	64	20	16	67	12	50	82	0.33	0.14
00D212	Tumbleweed	30	62	8	30	6	26	84	0.51	0.11
00D112	Naturelle	54	33	13	57	9	42	82	0.38	0.13
00D226	Harvest	15	79	6	14	5	18	84	0.58	0.11

The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Total Solar Absorbance (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 7.3 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.

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

Environmental Benefits:

RoHS - Lead Free

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Acoustical Performance:

NRC: 0.20, SAA: 0.19

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



Sun Control Textiles™

Product Specifications Sheet



M Screen Deco™ 5%

Specifications

Product Category: Decorative
Openness Factor: 5%
UV Blockage: Approximately 95%
Fabric Style: Rib Weave
Item #: 008555

Composition: 36% fiberglass / 64% vinyl
Standard Packaging: Rolls of 30 ly (27 lm)
Width: 98" (250 cm)
Weight: 11.3 oz / yd2 (385 g / m2) ± 5%
Thickness: .020" (0.52 mm) ± 5%

Fenestration Data

Color#	Color Name	Fabric Properties					Fabric & Glass			
		Thermal			Optical		Commercial		Residential	
		Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC	
		Rs (%)	As (%)	Ts (%)			Interior	Exterior	Interior	Exterior
00D249	Flagstone	20	72	8	20	7	21	84	0.57	0.11
00D137	River Rock	33	57	10	35	9	29	82	0.50	0.12
00D237	Hazelnut	14	79	7	13	7	16	84	0.60	0.11
00D012	Parchment	63	21	16	66	12	47	82	0.34	0.14
00D212	Tumbleweed	29	61	10	29	8	24	84	0.53	0.12
00D112	Naturelle	52	33	15	54	11	39	82	0.40	0.14
00D226	Harvest	16	76	8	15	6	18	84	0.59	0.12

The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), Total Solar Absorbance (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 7.3 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.

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

Environmental Benefits:

RoHS - Lead Free

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Acoustical Performance:

NRC: 0.15, SAA: 0.16

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.

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