



Sun Control Textiles™

# Product Specifications Sheet

## M Screen Deco™ 3%

### Specifications

<b>Product Category:</b> Decorative	<b>Composition:</b> 36% fiberglass / 64% vinyl
<b>Openness Factor:</b> 3%	<b>Standard Packaging:</b> Rolls of 34 ly (31 lm)
<b>UV Blockage:</b> Approximately 97%	<b>Width:</b> 98" (250 cm)
<b>Fabric Style:</b> Rib Weave	<b>Weight:</b> 12.21 oz / yd2 (414 g / m2) ± 5%
<b>Item #:</b> 008553	<b>Thickness:</b> 0.023" (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		
A0D249	Flagstone	23	71	6	23	5	24	84	0.54	0.10
A0D137	River Rock	33	60	7	35	6	29	84	0.49	0.10
A0D237	Hazelnut	13	83	4	12	4	16	84	0.59	0.10
A0D012	Parchment	64	20	16	67	12	50	82	0.33	0.14
A0D212	Tumbleweed	30	62	8	30	6	26	84	0.51	0.11
A0D112	Naturelle	54	33	13	57	9	42	82	0.38	0.13
A0D226	Harvest	15	79	6	14	5	18	84	0.58	0.11

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](mailto:info@MermetUSA.com).

### Fabrication Methods:

**Cutting:** Crush, cold, or ultrasonic  
**Welding:** Fabric welds without tape.  
 200-275°F. 5-10s.  
 Radio frequency, impulse, hot air, or wedge

### 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: 0.20, 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 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](http://www.MermetUSA.com).

5970 N. Main Street • Cowpens, SC 29330

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Sun Control Textiles™

# Product Specifications Sheet

## M Screen Deco™ 5%

### Specifications

<b>Product Category:</b> Decorative	<b>Composition:</b> 36% fiberglass / 64% vinyl
<b>Openness Factor:</b> 5%	<b>Standard Packaging:</b> Rolls of 34 ly (31 lm)
<b>UV Blockage:</b> Approximately 95%	<b>Width:</b> 98" (250 cm)
<b>Fabric Style:</b> Rib Weave	<b>Weight:</b> 11.3 oz / yd2 (385 g / m2) ± 5%
<b>Item #:</b> 008555	<b>Thickness:</b> 0.020" (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		
A0D249	Flagstone	20	72	8	20	7	21	84	0.57	0.11
A0D137	River Rock	33	57	10	35	9	29	82	0.50	0.12
A0D237	Hazelnut	14	79	7	13	7	16	84	0.60	0.11
A0D012	Parchment	63	21	16	66	12	47	82	0.34	0.14
A0D212	Tumbleweed	29	61	10	29	8	24	84	0.53	0.12
A0D112	Naturelle	52	33	15	54	11	39	82	0.40	0.14
A0D226	Harvest	16	76	8	15	6	18	84	0.59	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](mailto:info@MermetUSA.com).

### Fabrication Methods:

**Cutting:** Crush, cold, or ultrasonic  
**Welding:** Fabric welds without tape.  
 200-275°F. 5-10s.  
 Radio frequency, impulse, hot air, or wedge

### 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: 0.15, 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 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](http://www.MermetUSA.com).

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