



Sun Control Textiles™

# Product Specifications Sheet

## T Screen Deco™ 1%

### Specifications

**Product Category:** Decorative  
**Openness Factor:** 1%  
**UV Blockage:** Approximately 99%  
**Fabric Style:** Satin  
**Item #:** 006601

**Composition:** 36% fiberglass / 64% vinyl  
**Standard Packaging:** Rolls of 30 ly (27 lm)  
**Width:** 122" (310 cm)  
**Weight:** 13.76 oz / yd<sup>2</sup> (467 g / m<sup>2</sup>) ± 5%  
**Thickness:** 0.028" (0.72 mm) ± 5%

### Fenestration Data

Color#	Color Name	Side*	Fabric Properties					Fabric & Glass			
			Thermal			Optical		Commercial		Residential	
			Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC	
			Rs (%)	As (%)	Ts (%)			Interior	Exterior	Interior	Exterior
A0D088	Toffee	street	64	28	8	69	7	55	87	0.29	0.09
		room	38	53	9	43	8	37	79	0.43	0.13
A0D064	Cream	street	68	21	11	73	10	58	84	0.28	0.11
		room	54	34	12	59	11	47	79	0.35	0.14
A0D065	Cappuccino	street	65	26	9	69	8	55	87	0.29	0.10
		room	41	48	11	44	9	37	79	0.42	0.14
A0D067	Mocha	street	60	33	7	64	6	53	87	0.31	0.09
		room	27	64	9	27	7	29	79	0.49	0.14
A0D066	Espresso	street	58	36	6	62	5	50	89	0.32	0.08
		room	20	73	7	21	6	24	79	0.51	0.13

\*Room side: identified by the color side; Street side: identified by the white side

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.

#### Fabrication Methods:

**Cutting:** Crush, cold, or ultrasonic

**Welding:** Fabric welds without tape. 250-275°F. 5-10s.

Radio frequency, impulse, hot air, or wedge

#### Fire Classifications:

NFPA 701 TM#1, California U.S. Title 19

CAN/ULC-S109 Small Flame Test

#### Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

#### Environmental Benefits:

RoHS - Lead Free

GREENGUARD Gold

#### Acoustical Performance:

NRC: 0.10, SAA: 0.11

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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Sun Control Textiles™

# Product Specifications Sheet

## T Screen Deco™ 3%

### Specifications

**Product Category:** Decorative  
**Openness Factor:** 3%  
**UV Blockage:** Approximately 97%  
**Fabric Style:** Satin  
**Item #:** 006603

**Composition:** 36% fiberglass / 64% vinyl  
**Standard Packaging:** Rolls of 30 ly (27 lm)  
**Width:** 122" (310 cm)  
**Weight:** 12.98 oz / yd<sup>2</sup> (440 g / m<sup>2</sup>) ± 5%  
**Thickness:** 0.028" (0.71 mm) ± 5%

### Fenestration Data

			Fabric Properties					Fabric & Glass			
			Thermal			Optical		Commercial		Residential	
Color#	Color Name	Side*	Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC	
			Rs (%)	As (%)	Ts (%)			Interior	Exterior	Interior	Exterior
A0D088	Toffee	street	61	26	13	66	12	47	82	0.34	0.12
		room	40	45	15	44	13	34	76	0.46	0.16
A0D064	Cream	street	64	20	16	69	15	50	79	0.33	0.14
		room	54	28	18	59	16	42	76	0.39	0.17
A0D065	Cappuccino	street	61	25	14	65	12	47	82	0.35	0.13
		room	43	41	16	44	14	34	76	0.45	0.16
A0D067	Mocha	street	57	31	12	61	11	45	84	0.36	0.12
		room	30	57	13	31	12	26	76	0.51	0.15
A0D066	Espresso	street	55	34	11	59	10	45	84	0.37	0.11
		room	24	64	12	26	11	24	79	0.54	0.15

\*Room side: identified by the color side; Street side: identified by the white side

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 / 1/8" 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. 250-275°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: 0.14

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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Sun Control Textiles™

# Product Specifications Sheet

## T Screen Deco™ 5%

### Specifications

**Product Category:** Decorative  
**Openness Factor:** 5%  
**UV Blockage:** Approximately 95%  
**Fabric Style:** Satin  
**Item #:** 006605

**Composition:** 36% fiberglass / 64% vinyl  
**Standard Packaging:** Rolls of 30 ly (27 lm)  
**Width:** 122" (310 cm)  
**Weight:** 11.89 oz / yd<sup>2</sup> (403 g / m<sup>2</sup>) ± 5%  
**Thickness:** 0.028" (0.70 mm) ± 5%

### Fenestration Data

			Fabric Properties					Fabric & Glass			
			Thermal			Optical		Commercial		Residential	
Color#	Color Name	Side*	Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC	
			Rs (%)	As (%)	Ts (%)			Interior	Exterior	Interior	Exterior
A0D088	Toffee	street	56	29	15	61	13	45	82	0.38	0.16
		room	38	47	15	42	14	32	76	0.47	0.16
A0D064	Cream	street	62	20	18	67	16	47	79	0.35	0.16
		room	51	31	18	55	17	39	74	0.41	0.17
A0D065	Cappuccino	street	57	27	16	61	14	45	79	0.37	0.14
		room	38	45	17	39	14	29	76	0.48	0.17
A0D067	Mocha	street	52	34	14	56	12	42	82	0.40	0.13
		room	28	57	15	28	13	24	76	0.54	0.16
A0D066	Espresso	street	49	38	13	53	12	39	82	0.41	0.13
		room	20	66	14	22	13	21	76	0.57	0.16

\*Room side: identified by the color side; Street side: identified by the white side

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. 250-275°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: 0.10, SAA: 0.08

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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