MERMET
Sun Control Textiles™

T 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:**	122" (310 cm)
Fabric Style: Satin		**Weight:**	12.98 oz / yd2 (440 g / m2) ± 5%
Item #: 006603		**Thickness:**	.028" (0.71 mm) ± 5%

Fenestration Data

			Fabric Properties					Fabric & Glass			
			Thermal			Optical		Commercial		Residential	
			Total Solar			Rv (%)	Tv (%)	SHGC % Improvement		SHGC	
Color#	Color Name	Side*	Rs (%)	As (%)	Ts (%)			Interior	Exterior	Interior	Exterior
00D088	Toffee	room	40	45	15	44	13	34	76	0.46	0.16
		street	61	26	13	66	12	47	82	0.34	0.12
00D064	Cream	room	54	28	18	59	16	42	76	0.39	0.17
		street	64	20	16	69	15	50	79	0.33	0.14
00D065	Cappuccino	room	43	41	16	44	14	34	76	0.45	0.16
		street	61	25	14	65	12	47	82	0.35	0.13
00D067	Mocha	room	30	57	13	31	12	26	76	0.51	0.15
		street	57	31	12	61	11	45	84	0.36	0.12
00D066	Espresso	room	24	64	12	26	11	24	79	0.54	0.15
		street	55	34	11	59	10	45	84	0.37	0.11

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

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

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS - Lead Free

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

Enduris™ GLASS CORE   UL GREENGUARD GOLD — PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818   5 FIVE YEAR FABRIC WARRANTY EXTERIOR   10 TEN YEAR FABRIC WARRANTY INTERIOR   RoHS COMPLIANT

T Screen Deco 5%

Specifications

Product Category:	Decorative	**Composition:**	36% fiberglass / 64% vinyl
Openness Factor:	5%	**Standard Packaging:**	Rolls of 30 ly (27 lm)
UV Blockage:	Approximately 95%	**Width:**	122" (310 cm)
Fabric Style:	Satin	**Weight:**	11.89 oz / yd2 (403 g / m2) ± 5%
Item #:	006605	**Thickness:**	.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
00D088	Toffee	room	38	47	15	42	14	32	76	0.47	0.16
		street	56	29	15	61	13	45	82	0.38	0.16
00D064	Cream	room	51	31	18	55	17	39	74	0.41	0.17
		street	62	20	18	67	16	47	79	0.35	0.16
00D065	Cappuccino	room	38	45	17	39	14	29	76	0.48	0.17
		street	57	27	16	61	14	45	79	0.37	0.14
00D067	Mocha	room	28	57	15	28	13	24	76	0.54	0.16
		street	52	34	14	56	12	42	82	0.40	0.13
00D066	Espresso	room	20	66	14	22	13	21	76	0.57	0.16
		street	49	38	13	53	12	39	82	0.41	0.13

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

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

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS - Lead Free

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

www.mermetusa.com   02.17 v1