



Sun Control Textiles™

Product Specifications Sheet

Flocké®

Specifications

Product Category: Privacy

Openness Factor: 0%

UV Blockage: Approximately 100%

Fabric Style: Blackout

Item #: 011201

Composition: 42% fiberglass / 51% acrylic
7% cotton flocked backing

Standard Packaging: Rolls of 36 ly (33 lm)

Width: 94.5" (240 cm)

Weight: 15.93 oz / yd2 (540 g / m2) ± 10%

Thickness: 0.020" (0.51 mm) ± 10%

Fenestration Data

Color#	Color Name	Side*	Fabric Properties			Fabric & Glass		Illuminance			
			Thermal		Optical		Commercial	Residential	Blackout %	Glow %	
			Total Solar			Rv (%)	Tv (%)	SHGC % Improvement			SHGC
Rs (%)	As (%)	Ts (%)									
000609	Loutre	street	73	27	0	82	0	66	0.22	100	0
		room	28	72	0	25	0	24	0.47	100	0
000608	Chartreux	street	72	28	0	82	0	66	0.22	100	0
		room	48	52	0	45	0	39	0.37	100	0
000618	Mississippi	street	72	28	0	81	0	63	0.22	100	0
		room	68	32	0	68	0	55	0.26	100	0
000623	Sahel	street	71	29	0	81	0	63	0.22	100	0
		room	68	32	0	69	0	55	0.26	100	0
000600	Blanc	street	72	28	0	82	0	66	0.22	100	0
		room	75	25	0	79	0	63	0.22	100	0

*Room side: identified by the fabric side; Street side: identified by the coated 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: Mermet 103218 Tape is Recommended.

325-350°F. 10s.

Radio frequency, impulse, hot air, or wedge.

Fire Classifications:

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

CAN/ULC-S109-14 Small & Large Flame Test

DIN 4102-1 (B1), NF P 92 507 (M1)

Bacterial Resistance:

ASTM E2180

Environmental Benefits:

RoHS - Lead Free

Acoustical Performance:

NRC: 0.00, SAA: 0.02

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. The coating on the back side should not get wet. A dry chemical sponge or clean white pencil eraser can be used to remove small stains. For tougher stains and disinfecting instructions visit www.MermetUSA.com.

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