



Sun Control Textiles™

Product Specifications Sheet

Vizela™

Specifications

Product Category: Privacy	Composition: 100% fiberglass / EVA coating
Openness Factor: < 1%	Standard Packaging: Rolls of 36 ly (33 lm)
UV Blockage: Approximately 99%	Width: 94.5" (240 cm)
Fabric Style: Rib Weave	Weight: 8.7 oz / yd ² (295 g / m ²) ± 5%
Item #: 011600	Thickness: 0.013" (0.35 mm) ± 5%

Fenestration Data

Color#	Color Name	Fabric Properties					Fabric & Glass		Illuminance	
		Thermal			Optical		Commercial	Residential	Blackout %	Glow %
		Total Solar			Rv (%)	Tv (%)	SHGC % Improvement	SHGC		
Rs (%)	As (%)	Ts (%)								
000609	Loutre	21	67	12	18	10	21	0.54	0	100
000608	Chartreux	37	40	23	34	20	29	0.48	0	100
000618	Mississippi	52	15	33	51	32	37	0.42	0	100
000623	Sahel	53	14	33	53	32	39	0.42	0	100
000600	Blanc	59	5	36	61	37	42	0.39	0	100

Fabric properties may vary from the values reported due to standard variations in the manufacturing process. The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: 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 7.7 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 C423-17a: 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.

300-325°F. 5-10s.

Radio frequency, impulse, hot air, or wedge

Railroadable: Mermet recommends customer specific testing.

Fire Classifications:

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

CAN/ULC-S109 Small & Large Flame Test

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS - Lead Free

GREENGUARD Gold

Acoustical Performance:

NRC: 0.35, SAA: 0.33

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. For spot removal, a natural or dry cleaning sponge may be used. For tougher stains and disinfecting instructions visit www.MermetUSA.com.

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