

Product Specifications Sheet

Elba Daylight™

Specifications

Product Category: Privacy
Openness Factor: < 1%
UV Blockage: Approximately 99%
Fabric Style: Jacquard
Item #: D22400

Composition: 100% Polyester
Standard Packaging: Rolls of 33 ly (30 lm)
Width: 118" (300 cm)
Weight: 5.60 oz / yd² (191 g / m²) ± 5%
Thickness: 0.022" (0.55 mm) ± 5%

Fenestration Data

		Fabric Properties						Fabric & Glass	Illuminance	
		Thermal				Optical				
Color#	Color Name	Rs IR (%)	Total Solar			Rv (%)	Tv (%)	SHGC	Blackout %	Glow %
			Rs (%)	As (%)	Ts (%)					
000QUA	Quartz	54	57	4	39	60	40	0.41	0	100
000PMC	Pumice	54	53	9	38	53	36	0.42	0	100
000LIM	Limestone	53	52	11	37	52	35	0.42	0	100
000SLA	Slate	53	45	22	33	38	27	0.45	0	100
000BAS	Basalt	56	43	30	27	32	18	0.46	0	100
000OBS	Obsidian	55	34	43	23	16	10	0.60	0	100

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.

Fabrication Methods:

Cutting: Ultrasonic and Crush blade

Welding: Mermet 103218 Tape is Recommended.
 230°F. 10s.

Radio frequency, impulse, hot air, or wedge

Fire Classifications:

ASTM E 84 (Class A)

California Technical Bulletin #117

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS - Lead Free

GREENGUARD Gold

Acoustical Performance:

NRC: 0.20, SAA: 0.20

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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