

Verona Daylight™

Specifications

Product Category: Privacy	Composition: 100% polyester
Openness Factor: < 1%	Standard Packaging: Rolls of 33 ly (30 lm)
UV Blockage: Approximately 99%	Width: 118" (300 cm)
Fabric Style: Fancy Weave	Weight: 5.90 oz / yd2 (200 g / m2) ± 10%
Item #: D80000	Thickness: 0.021" (0.52 mm) ± 10%

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 (%)								
000ECL	Eclipse	43	37	20	27	10	29	0.45	0	100
000CAL	Calypso	48	29	23	38	15	34	0.42	0	100
000HYD	Hydra	53	22	25	46	19	37	0.40	0	100
000STA	Stardust	56	19	25	52	20	42	0.38	0	100
000ORI	Orion	56	17	27	53	23	42	0.38	0	100
000NOV	Nova	57	17	26	53	22	42	0.38	0	100
000LUN	Luna	61	8	31	62	30	47	0.36	0	100
000POL	Polaris	63	5	32	64	31	47	0.35	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: Ultrasonic cutting required
Welding: Mermet 103218 Tape is Recommended. 225-250°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 & Large Flame Test

Environmental Benefits:

RoHS - Lead Free
 GREENGUARD Gold
 Declare Label

Bacterial & Fungal Resistance:

ASTM E2180, ASTM G21

Acoustical Performance:

NRC: 0.30, SAA: 0.28

We recommend testing all cutting and welding methods prior to use to confirm they meet your individual fabrication specifications.

Care & Handling

This product is not suitable for humid environments or any application where the fabric can get wet. 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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