



Sun Control Textiles™

# Product Specifications Sheet

## Verona Twilight™

### Specifications

**Product Category:** Privacy

**Openness Factor:** 0%

**UV Blockage:** Approximately 100%

**Fabric Style:** Blackout

**Item #:** 080000

**Composition:** 50% polyester / 50% acrylic

**Standard Packaging:** Rolls of 33 ly (30 lm)

**Width:** 118" (300 cm)

**Weight:** 11.65 oz / yd2 (395 g / m2) ± 10%

**Thickness:** 0.024" (0.60 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 (%)									
000ECL	Eclipse	street	71	29	0	79	0	63	0.23	100	0
		room	47	53	0	26	0	29	0.41	100	0
000CAL	Calypso	street	72	28	0	79	0	63	0.23	100	0
		room	54	46	0	39	0	37	0.36	100	0
000HYD	Hydra	street	72	28	0	79	0	63	0.23	98	2
		room	58	42	0	47	0	42	0.34	98	2
000STA	Stardust	street	70	30	0	78	0	63	0.23	98	2
		room	62	38	0	54	0	45	0.31	98	2
000ORI	Orion	street	71	29	0	79	0	63	0.23	100	0
		room	63	37	0	56	0	47	0.30	100	0
000NOV	Nova	street	70	30	0	78	0	63	0.23	100	0
		room	57	43	0	52	0	45	0.33	100	0
000LUN	Luna	street	71	29	0	79	0	63	0.23	96	4
		room	71	29	0	72	0	58	0.24	96	4
000POL	Polaris	street	71	29	0	79	0	63	0.23	96	4
		room	75	25	0	78	0	63	0.21	96	4

\*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 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 Absorbance (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.

350°F. 5-10s.

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

#### Bacterial Resistance:

ASTM E2180

#### Environmental Benefits:

RoHS - Lead Free

GREENGUARD Gold

#### Acoustical Performance:

NRC: 0.05, SAA: 0.05

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](http://www.MermetUSA.com).

5970 N. Main Street • Cowpens, SC 29330

Sales Department: Ph (866) 902-9647

[info@MermetUSA.com](mailto:info@MermetUSA.com)

