

Verona Daylight™

Specifications



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|---------------------------------------|---|
| 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 7.3 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 C423-09a: 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: radio frequency, high frequency, impulse, hot air, wedge. May require the use of welding tape. Please contact Mermet for more information regarding our welding tape product line.

Fire Classifications:

NFPA 701-10 TM#1, California U.S. Title 19
 CAN/ULC-S109 Small & Large scale

Environmental Benefits:

RoHS - Lead Free

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.

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