



Sun Control Textiles™

# Product Specifications Sheet

## GreenScreen Revive® 1%

### Specifications



**Product Category:** Sustainable  
**Openness Factor:** 1%  
**UV Blockage:** Approximately 99%  
**Fabric Style:** Warp Knit  
**Item #:** 002501

**Composition:** 100% polyester / 89% recycled content  
**Standard Packaging:** Rolls of 50 ly (46 lm)  
**Width:** 118" (300 cm)  
**Weight:** 5.87 oz / yd2 (199 g / m2) ± 5%  
**Thickness:** .019" (0.49 mm) ± 5%

### Fenestration Data

| Color# | Color Name | Fabric Properties |    |    |         |        | Fabric & Glass     |             |
|--------|------------|-------------------|----|----|---------|--------|--------------------|-------------|
|        |            | Thermal           |    |    | Optical |        | Commercial         | Residential |
|        |            | Total Solar       |    |    | Rv (%)  | Tv (%) | SHGC % Improvement | SHGC        |
| Rs (%) | As (%)     | Ts (%)            |    |    |         |        |                    |             |
| A00030 | Onyx       | 34                | 49 | 17 | 11      | 5      | 18                 | 0.51        |
| 000022 | Stone      | 52                | 24 | 24 | 44      | 17     | 34                 | 0.42        |
| 000001 | Pewter     | 43                | 38 | 19 | 25      | 8      | 24                 | 0.46        |
| 000015 | Dusk       | 36                | 50 | 14 | 11      | 2      | 18                 | 0.50        |
| 000071 | Suede      | 39                | 42 | 19 | 20      | 7      | 21                 | 0.48        |
| 000055 | Mushroom   | 46                | 34 | 20 | 32      | 10     | 29                 | 0.45        |
| 000020 | Linen      | 58                | 17 | 25 | 55      | 20     | 42                 | 0.38        |
| 000010 | Sand       | 61                | 13 | 26 | 60      | 23     | 45                 | 0.36        |
| 000002 | White      | 66                | 6  | 28 | 68      | 27     | 50                 | 0.33        |

The fabric performance tests were conducted in accordance with ASTM E891 & ASTM E903-96: Total Solar Transmittance (Ts), Total Solar Reflectance (Rs), 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 the Mermet Technical Department at: [www.mermetusa.com](http://www.mermetusa.com).

**Fabrication Methods:**  
Cutting: cold, ultrasonic or crush  
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-S109-03 Small & Large Flame Test  
**Fungal Resistance:**  
ASTM G21

**Environmental Benefits:**  
RoHS - Lead Free  
**Acoustical Performance:**  
NRC: 0.20, SAA: 0.22

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

### Care & Handling

Regular light dusting with a feather duster is suggested. A hand-held vacuum with low suction may also be used. When vacuuming, avoid pulling or stretching the fabric. Rigorous vacuuming is not recommended since this could distort the fabric. Alternatively, dirt and debris can be blown away using compressed air or hand-held air dryer on the cool setting.

5970 N. Main Street • Cowpens, SC 29330  
Sales Department: Ph (866) 902-9647  
[info@mermetusa.com](mailto:info@mermetusa.com)

