



Sun Control Textiles™

Product Specifications Sheet

S Screen™ 1%

Specifications

Product Category: Decorative

Composition: 33.6% fiberglass / 59.6% vinyl
6.8% polyester

Openness Factor: 1%

Standard Packaging: Rolls of 23 ly (21 lm)

UV Blockage: Approximately 99%

Width: 98" (250 cm), 122" (310 cm)

Fabric Style: Plain Weave

Weight: 19.10 oz / yd2 (646 g / m2) ± 5%

Item #: 001601

Thickness: 0.041" (1.04 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 (%) | | | Interior | Exterior | Interior | Exterior |
| 0070C1 | Granite | 34 | 61 | 5 | 36 | 3 | 34 | 84 | 0.44 | 0.10 |
| 0020D2 | Marble | 56 | 36 | 8 | 60 | 6 | 47 | 84 | 0.33 | 0.10 |
| 0020D1 | Porcelain | 63 | 27 | 10 | 67 | 8 | 53 | 84 | 0.30 | 0.10 |
| 0200C1 | Jute | 46 | 45 | 9 | 48 | 7 | 39 | 82 | 0.39 | 0.12 |
| 0100C2 | Cork | 37 | 56 | 7 | 37 | 5 | 34 | 84 | 0.44 | 0.11 |
| 0100N5 | Papyrus | 39 | 54 | 7 | 39 | 5 | 34 | 84 | 0.43 | 0.11 |
| 0610P6 | Sesame | 14 | 84 | 2 | 14 | 2 | 21 | 82 | 0.53 | 0.11 |
| 0100B6 | Ginger | 33 | 62 | 5 | 33 | 4 | 32 | 84 | 0.45 | 0.11 |
| 0100P1 | Nougat | 39 | 54 | 7 | 37 | 5 | 18 | 82 | 0.47 | 0.12 |
| 0610B2 | Coffee Bean | 10 | 87 | 3 | 10 | 2 | 18 | 82 | 0.55 | 0.12 |
| 0070B1 | Peppercorn | 31 | 65 | 4 | 33 | 3 | 32 | 84 | 0.46 | 0.10 |
| 0020P1 | Seasalt | 62 | 29 | 9 | 63 | 6 | 50 | 87 | 0.31 | 0.10 |

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: Crush, cold, or ultrasonic

Welding: Fabric welds without tape.
225-300°F. 5-10s.

Radio frequency, impulse, hot air, or wedge

Fire Classifications:

NFPA 701-19 TM#1

CAN/ULC-S109-14 Small & Large Flame Test

Bacterial and Fungal Resistance:

ASTM E2180, ASTM G21

Environmental Benefits:

RoHS - Lead Free

GREENGUARD Gold

Acoustical Performance:

NRC: 0.25, SAA: 0.26

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

Care & Handling

Remove dust with a soft duster, cloth, sponge, 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 minor stains clean with a soft cloth, sponge, or soft brush dipped in lukewarm soapy water using mild detergent. Rinse with clean water. Leave the blind down until completely dry. For tougher stains and disinfecting instructions visit www.MermetUSA.com.

5970 N. Main Street • Cowpens, SC 29330

Sales Department: Ph (866) 902-9647

info@MermetUSA.com





Sun Control Textiles™

Product Specifications Sheet

S Screen™ 4%

Specifications

Product Category: Decorative

Composition: 33.6% fiberglass / 59.6% vinyl
6.8% polyester

Openness Factor: 4%

Standard Packaging: Rolls of 23 ly (21 lm)

UV Blockage: Approximately 96%

Width: 98" (250 cm), 122" (310 cm)

Fabric Style: Plain Weave

Weight: 18.9 oz / yd2 (642 g / m2) ± 5%

Item #: 001604

Thickness: 0.037" (0.93 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 (%) | | | Interior | Exterior | Interior | Exterior |
| 0070C1 | Granite | 31 | 60 | 9 | 32 | 8 | 26 | 84 | 0.51 | 0.12 |
| 0020D2 | Marble | 48 | 42 | 10 | 51 | 9 | 39 | 84 | 0.41 | 0.11 |
| 0020D1 | Porcelain | 59 | 29 | 12 | 62 | 10 | 45 | 82 | 0.36 | 0.12 |
| 0200C1 | Jute | 43 | 46 | 11 | 44 | 9 | 34 | 82 | 0.44 | 0.12 |
| 0100C2 | Cork | 35 | 55 | 10 | 34 | 8 | 29 | 84 | 0.49 | 0.12 |
| 0100N5 | Papyrus | 38 | 51 | 11 | 37 | 9 | 29 | 82 | 0.48 | 0.12 |
| 0610P6 | Sesame | 18 | 76 | 6 | 17 | 6 | 18 | 84 | 0.58 | 0.11 |
| 0100B6 | Ginger | 36 | 55 | 9 | 33 | 6 | 26 | 84 | 0.49 | 0.11 |
| 0100P1 | Nougat | 37 | 53 | 10 | 34 | 7 | 29 | 84 | 0.49 | 0.12 |
| 0610B2 | Coffee Bean | 14 | 80 | 6 | 12 | 5 | 16 | 84 | 0.60 | 0.11 |
| 0070B1 | Peppercorn | 32 | 61 | 7 | 28 | 5 | 24 | 87 | 0.51 | 0.10 |
| 0020P1 | Seasalt | 54 | 35 | 11 | 54 | 9 | 39 | 84 | 0.39 | 0.11 |

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