



Palmetto 8% Exterior Solar Screen Fabric Product Specifications

Benefits: Palmetto 8% exterior solar screen fabric offers the perfect compromise between visual and thermal comfort, with excellent weather and UV resistance. 8% openness allows excellent outward visibility, and Preconstraint Serge Ferrari® Technology keeps shades flat and beautiful, resisting stretching, tearing and other deformation. 100% recyclable.

Serge Ferrari® Patented worldwide, Preconstraint Serge Ferrari technology involves keeping the composite under tension throughout the manufacturing cycle.

Preconstraint Technology

Strength Benefits:

- >Exceptional dimensional stability
- >Long-term strength
- >Greater coating thickness at the top of the yarns
- >Perfect flatness

Benefits

- >No material deformation during installation or usage
- >No elongation, tear resistant
- >Long-term strength and aesthetic quality
- >Thinness
- >Smooth Finish, easy maintenance
- >Compactness, easy rolling

Specifications

| | | | |
|------------------------|------------------------------|--------------------|-----------------------------|
| Category | Exterior Solar Screen Fabric | Composition | 35% high tenacity polyester |
| Openness Factor | 8% | | 65% PVC coating |
| UV Blockage | Approximately 92% | Weight | 9.75 oz/yd2 (360 g/m2) ±5% |
| Thickness | 0.018" (0.45 mm) ±5% | Width | 105" |

| | | |
|------------------------------|--------------------------------------|---------------------|
| Fire Classifications: | NFPA 701 Method 1 and 2 | NFP92-507 M1 |
| | ASTME84 Class A | CSFMT19 |
| | UNE EN 13773 Classe 1 | CANULCS109 |
| | ONORMA= A 3800 Schwerbrennbar Q1-Tr1 | BS7837 |
| | SN 198898 VKF 5.3 | UNE 23727 M-1 |
| | DIN4102-1 1530.3/AS/NZS B1 | AS NZS 3837 Group 1 |
| | GOST 30244-94 G1 | UnNI9177 Classe 1 |

Certifications: GreenGuard Gold

Environmental Benefits: Lead Free
Recyclable

For complete technical information, current test results, performance specifications and larger samples, contact the Insolroll, Inc.

Fenestration Properties

(Solar Optical Properties)

Fabrics installed internally,

Zero-degree profile

| Color | Ts | RS | AS | TV | SHGC* |
|--------------|-----------|-----------|-----------|-----------|--------------|
| Champagne | 24 | 62 | 14 | 8 | 0.17 |
| Sandy Beige | 14 | 42 | 44 | 11 | 0.13 |
| Bronze | 9 | 12 | 79 | 8 | 0.13 |
| Black | 8 | 6 | 86 | 8 | 0.13 |

The technical data above are averaged values with a $\pm 5\%$ tolerance.

Ts= Solar Transmittance

Energy that is allowed to pass through

Rs= Solar Reflectance

Energy that is reflected away

As= Solar Absorptance

Energy that is absorbed by the fabric

Tv= Visible Light Transmission

Percentage of visible light that comes into the room

OF= Openness Factor

Percentage of fabric that is open (between the threads)

SHGC= Solar Heat Gain Coefficient

The percentage of incident solar radiation that is transmitted as heat to the interior through the glass and shading system*.

CL= Clear Glass

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