



**solashadow**<sup>®</sup>  
Mesh fabrics for internal roller blinds







Environmentally  
Friendly

## Solashadow<sup>®</sup>

Created to absorb light and air whilst keeping heat and glare out, Solashadow provides a great choice of fabric for interior home and office blinds when sun protection needs to be streamlined and stylish as well as cost effective.

### Key features

-  Available in 2.50 meters wide
-  Fire retardant
-  Available in 5% openness
-  Selective range of designer colours

## Information

|                           | 5% openness             |
|---------------------------|-------------------------|
| Composition               | 73% PVC / 27% Polyester |
| Mass                      | 420 gsm                 |
| Width                     | 250 cm                  |
| Roll Length               | 30 mts                  |
| Roll Weight (Nominal)     | 32 kg                   |
| Yarn Count (ends x picks) | 47 x 47                 |
| Tensile Strength (Warp)   | 154.7                   |
| Tensile Strength (Weft)   | 150                     |
| Tear Resistance (Warp)    | 10.3                    |
| Tear Resistance (Weft)    | 10.0                    |
| Light Fastness            | Grade B                 |
| Openness                  | Average 5%              |
| Fabric Thickness          | 0.54 mm                 |
| Flammability              | USA/NFPA 701-99         |

# Solashadow® colour selector

5% openness



8001



8002



8003



8901



8902

| Fabric Code | Ts | Rs | As | Tuv | Tv | O-F | S/C (Internal) |         |         |
|-------------|----|----|----|-----|----|-----|----------------|---------|---------|
|             |    |    |    |     |    |     | 1/8" CL        | 1/4" CL | 1/4" HA |
| 8001        | 20 | 66 | 14 | 4   | 12 | 5   | 0.34           | 0.34    | 0.32    |
| 8002        | 19 | 56 | 25 | 6   | 13 | 6   | 0.41           | 0.41    | 0.36    |
| 8003        | 12 | 44 | 44 | 5   | 9  | 5   | 0.48           | 0.47    | 0.39    |
| 8901        | 5  | 5  | 90 | 5   | 6  | 4   | 0.73           | 0.69    | 0.51    |
| 8902        | 5  | 6  | 89 | 5   | 6  | 5   | 0.72           | 0.63    | 0.51    |

**Solar Transmittance (Ts)** measures the proportion of solar energy transmitted through the fabric. A low figure indicates a good filtration of solar energy by the fabric.

**Solar Reflectance (Rs)** measures the proportion of solar energy reflected by the fabric. A high figure indicates a good reflection of solar energy by the fabric.

**Solar Absorbance (As)** measures the proportion of solar energy absorbed by the fabric. A low figure indicates a low absorbance of solar energy by the fabric.

**The UV Transmittance (Tuv)** is closely related to the openness factor and measures the amount of UV that is transmitted through the fabric.

**The visible light transmittance (Tv)** measures the percentage of visible light coming through the fabric that can be seen by the naked eye. It is related to the amount of light (brightness) a person receives through a glazing system. A low figure shows a very efficient fabric.

**The shading Coefficient (SC)** is the ratio between the solar factors of the protected window (glazing + sun blind) and solar factor of glazing alone.

**1/8" CL** - Double strength glass

**1/4" CL** - Clear plate

**1/4" HA** - Heat absorbing plate

The above fenestration property test was conducted by Matrix, Inc. at its Mesa, Arizona solar lab.

The samples were tested in accordance with ASHRAE Standard 74-1989.

"Method of Measuring Solar-Optical Properties of Materials.

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