Optimascreen

Plus

Colour Range

- White 5%
- White Linen 5%
- White Pearl 5%
- White/Grey 5%
- White Sand 5%
- Black Pearl 5%
- Black Grey 5%
- Black 5%

Sunscreen Fabric

Roller Blind | Roman Shade | Panel Glide
2.5m & 3.0m widths
Technical Information

Composition: 25% Polyester, 75% PVC

Thermal & Visual Properties

<table>
<thead>
<tr>
<th>S% Openness</th>
<th>Thermal Comfort</th>
<th>Glazing &amp; Fabric</th>
<th>Visual Comfort</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ts</td>
<td>Rs</td>
<td>As</td>
</tr>
<tr>
<td>White</td>
<td>26.9</td>
<td>60.8</td>
<td>12.3</td>
</tr>
<tr>
<td>White Linen</td>
<td>22.5</td>
<td>54.5</td>
<td>23.0</td>
</tr>
<tr>
<td>White Pearl</td>
<td>19.6</td>
<td>49.0</td>
<td>31.4</td>
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<tr>
<td>White Grey</td>
<td>14.1</td>
<td>37.2</td>
<td>48.7</td>
</tr>
<tr>
<td>White Sand</td>
<td>19.4</td>
<td>43.4</td>
<td>34.3</td>
</tr>
<tr>
<td>Black Pearl</td>
<td>8.2</td>
<td>14.4</td>
<td>77.4</td>
</tr>
<tr>
<td>Black Grey</td>
<td>8.4</td>
<td>8.9</td>
<td>82.7</td>
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<tr>
<td>Black</td>
<td>7</td>
<td>2.9</td>
<td>90.1</td>
</tr>
</tbody>
</table>

Solar protection indicators are laboratory-tested.

The most relevant and widely used thermal comfort factors include:

1. **THERMAL COMFORT**
   - **Ts**: Solar Transmittance (%)
   - **Rs**: Solar Reflectance (%)
   - **As**: Solar Absorbance (%)
   - **GTOT (RANGE 0-1)**: The Solar Heat Gain Coefficient (SHGC), measures the window’s (fabric and glass) ability to transmit solar energy into a room. The SHGC is commonly referred to as g-tot. SHGC=g-tot is a calculation of the g-values of the solar protection device (fabric) and the glazing (A, B, C, D). The lower the GTOT value, the greater its ability to insulate against solar heat build-up.

2. **VISUAL COMFORT**
   - **TL / TV**: Light Transmittance (%)
   - **RL**: Light Reflectance (%)
   - **GTOT (RANGE 0-1)**: The fenestration property tests were conducted in accordance with EN 410 (1998), EN 14501:(2005), and EN 14500:(2008).

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