E-Screen with KOOLBLACK™ Technology

5% openness, with increased energy efficiency to levels comparable with light colours, offering better heat control & energy savings for dark colours.

Colour Range

- Charcoal 5%
- Charcoal/Cocoa 5%
- Charcoal/Grey 5%

Sunscreen Fabric

Roller Blind | Roman Shade | Panel Glide

3.1m width
Technical Information

E-Screen with KOOLBLACK™ Technology

Thermal & Visual Properties

### Thermal Comfort

<table>
<thead>
<tr>
<th>Colour</th>
<th>Ts</th>
<th>Rs</th>
<th>As</th>
<th>GTOT A</th>
<th>GTOT B</th>
<th>GTOT C</th>
<th>GTOT D</th>
<th>TL / TV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charcoal</td>
<td>18</td>
<td>13</td>
<td>69</td>
<td>0.54</td>
<td>-</td>
<td>0.46</td>
<td>-</td>
<td>6</td>
</tr>
<tr>
<td>Charcoal/Cocoa</td>
<td>19</td>
<td>32</td>
<td>49</td>
<td>0.55</td>
<td>-</td>
<td>0.47</td>
<td>-</td>
<td>7</td>
</tr>
<tr>
<td>Charcoal/Grey</td>
<td>18</td>
<td>37</td>
<td>45</td>
<td>0.52</td>
<td>-</td>
<td>0.44</td>
<td>-</td>
<td>8</td>
</tr>
</tbody>
</table>

Solar protection indicators are laboratory-tested. The most relevant and widely used thermal comfort factors include:

- **THERMAL COMFORT**
  - Fabric Only
  - Ts: Solar Transmittance (%)
  - Rs: Solar Reflectance (%)
  - As: Solar Absorbance (%)

Solar radiation is always partially transmitted through, absorbed or reflected by the fabric. The sum of all 3 equals 100% of solar energy.

- **GLAZING & FABRIC**
  - Test data has been supplied using the following glazing types:
    - A Clear single glazing (4mm float)
    - B Clear double glazing (4mm float + 12mm space + 4mm float)
    - C Double glazing low-e coating and argon filled (4mm float + 16mm space + 4mm float)
    - D Reflective double glazing with low-e coating and argon filled (4mm + 16mm space + 4mm float)

- **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.

### Visual Comfort

- **VISUAL COMFORT**
  - Fabric Only
  - TL / TV: Light Transmittance (%)
  - Rs: Light Reflectance (%)

The fenestration property tests were conducted in accordance with EN 410 (1988), EN 14501:2005, and EN 14500:2008.

Note: Colours are as accurate as the printing process allows. Please refer to the fabric swatch. © Copyright 2019 Hunter Douglas Limited [A.B.N. 98 009 675 709] MERMET is a registered Trade Mark of Mermet S.A. Greenguard® is a registered Trade Mark of UL LLC a Delaware limited liability company.™ Hunter Douglas has applied for the registration of the Trade Mark KOOLBLACK. Note: Warranty Conditions apply; refer to www.turnilscollage.com.au for more details. * We recommend testing all cutting and welding methods prior to use, to confirm they meet your individual fabrication specifications. 03/2020

For more information contact our customer service team or visit: hunterdouglas.com.au/enquiry

turnilscollage.com.au