Mojave Solar Screen Fabric
Product Specifications

Benefits: Mojave solar screen fabric consists of PVC-coated fiberglass yarn in a weave configuration that results in a soft, linen-like appearance. Mojave is an excellent choice for residential and commercial applications.

Specifications

<table>
<thead>
<tr>
<th>Category</th>
<th>Composition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solar Screen Fabric</td>
<td>36% fiberglass</td>
</tr>
</tbody>
</table>

| Openness Factor   | 3% and 5%            |
| Weave style       | Rib weave            |
| UV Blockage       | 3% Approx. 97% 5% Approx. 95% |

| Width            | 122" (300 cm) ±50 mm |
| Thickness        | 3% 0.022" (0.55 mm) ±5% |

| Weight            | 3% 12.7 oz/yd2 (432 g/m2) ±5% |
|                  | 5% 11.3 oz/yd2 (384 g/m2) ±5% |

Fire Classifications:
- NFPA 701-10 TM#1
- California U.S. Title 19
- CAN/ULC-S109-03 Small Flame Test

Anti-Microbial Properties:
- ASTM E2180, ASTM G21

Certifications:
- GreenGuard Gold
- RoHS- Lead Free

Environmental Benefits:
- RoHS- Lead Free

Acoustical Performance:
- 3%: NRC: 0.35, SAA: 0.33
- 5%: NRC: 0.10, SAA: 0.12

Care & Handling:
- For complete technical information, current test results, performance specifications and larger samples, contact the Insolroll, Inc.

Remove dust with vacuum cleaner (soft brush attachment) or compressed air. Do not scrub. Do not use solvents or any abrasive substance which damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the shade down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.

Fenestration Properties
(Fabric Optical Properties)

<table>
<thead>
<tr>
<th>Color</th>
<th>Ts</th>
<th>RS</th>
<th>AS</th>
<th>TV</th>
<th>SHGC*</th>
</tr>
</thead>
<tbody>
<tr>
<td>White/White</td>
<td>18</td>
<td>71</td>
<td>11</td>
<td>16</td>
<td>0.28</td>
</tr>
<tr>
<td>White/Stone</td>
<td>21</td>
<td>62</td>
<td>17</td>
<td>18</td>
<td>0.29</td>
</tr>
<tr>
<td>Pearl/Linen</td>
<td>11</td>
<td>40</td>
<td>49</td>
<td>8</td>
<td>0.32</td>
</tr>
<tr>
<td>Charcoal/ Apricot</td>
<td>5</td>
<td>13</td>
<td>84</td>
<td>8</td>
<td>0.36</td>
</tr>
<tr>
<td>Charcoal/Sable</td>
<td>4</td>
<td>12</td>
<td>3</td>
<td>4</td>
<td>0.36</td>
</tr>
<tr>
<td>Charcoal/ Cocoa</td>
<td>3</td>
<td>5</td>
<td>92</td>
<td>3</td>
<td>0.37</td>
</tr>
<tr>
<td>Charcoal/ Charcoal</td>
<td>3</td>
<td>4</td>
<td>93</td>
<td>3</td>
<td>0.37</td>
</tr>
</tbody>
</table>

The performance tests were conducted in accordance with:
- Glass performance tests were conducted using the Lawrence Berkeley National Laboratory Window
- 6.3 NRC certified software. Acoustical performance tested in accordance with ASTM C423-09a.
White/Stone | 21 | 61 | 18 | 18 | 0.29
Pearl/Linen | 12 | 39 | 49 | 9  | 0.32
Charcoal/Apricot | 7  | 13 | 80 | 7  | 0.36
Charcoal/Sable | 6  | 13 | 81 | 5  | 0.36
Charcoal/Cocoa | 5  | 5  | 90 | 4  | 0.37
Charcoal/Charcoal | 3  | 4  | 93 | 3  | 0.37

Glass Performance
Glass Type: 6mm/ 1/2”air/6mm
Low E on surface #2
Appearance: Clear
Tv- 70
SHGC (G-value)- 0.38

Definition of terms:

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*.

NRC= Noise Reduction Coefficient
SAA= Sound Absorption Average
CL= Clear Glass

*Glass tested: Double Glazing 6 mm / 1/2" air / 6 mm with low E on surface #2