**NEW**

**Dichroic Film**
for Laminated Glass

**Dynamic, Changing, Colorful Glass**

3M™ Dichroic Films for laminated glass provide a unique decorative look to architectural glass. The color of the glass changes with different perspectives and lighting conditions to give a distinctive glass look.

- Color changes with viewing angle & lighting
- Different color in reflection versus transmission
- Two color options: Gold – Blue & Copper – Bronze
- Flexibility of glass (size, shape, type)
- Corrosion free, nonmetallic technology
- No interference with radio frequencies
- Ability to bend the glass

**Product information**

- Compatible with EVA, or SentryGlas® Interlayers

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Madrid, Spain

Gold—Blue Dichroic Film in Reflection

Copper—Bronze Dichroic Film in Reflection

Outer — Glass

3M Dichroic Film

Inner — Glass

Adhesive Interlayer

3M Architectural Glass Solutions

Product Information
# Dichroic Films for Laminated Glass

## Dichroic Film Color in Reflection and Transmission

<table>
<thead>
<tr>
<th>Product</th>
<th>Color in Reflection</th>
<th>Color in Transmission</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gold – Blue Dichroic Film</td>
<td>Gold (Straight) Blue (at Angle)</td>
<td>Yellow – Magenta – Blue</td>
</tr>
<tr>
<td>Copper – Bronze Dichroic Film</td>
<td>Copper (Straight) Bronze (At Angle)</td>
<td>Magenta – Blue – Aqua</td>
</tr>
</tbody>
</table>

## Solar Performance of Clear Laminated Glass:

3 mm clear glass / 0.38 mm EVA / dichroic film / 0.38 mm EVA / 3 mm clear glass

<table>
<thead>
<tr>
<th></th>
<th>Reflection Visible</th>
<th>Transmission Visible</th>
<th>Transmitted Energy</th>
<th>Reflected Energy</th>
<th>Absorbed Energy</th>
<th>TSER</th>
<th>SHGC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gold – Blue Dichroic Glass</td>
<td>89%</td>
<td>11%</td>
<td>56%</td>
<td>29%</td>
<td>15%</td>
<td>39%</td>
<td>0.61</td>
</tr>
<tr>
<td>Copper – Bronze Dichroic Glass</td>
<td>29%</td>
<td>55%</td>
<td>29%</td>
<td>17%</td>
<td>17%</td>
<td>41%</td>
<td>0.59</td>
</tr>
</tbody>
</table>

For more information visit:

www.3M.com/glass

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