Pilkington Suncool™ Q
High performance solar-control glass range
Pilkington Suncool™ Q Range - technical performance

<table>
<thead>
<tr>
<th>Glass (outer pane)</th>
<th>Transmittance</th>
<th>Solar radiant heat (%)</th>
<th>Uₜ [W/m²K]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Light (%)</td>
<td>Total transmission</td>
<td>Argon (90%)</td>
</tr>
<tr>
<td>Insulating glass units: 6 mm outer pane – 16 mm argon – 4 mm Pilkington Optifloat™ Clear</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pilkington Suncool™ Q 50</td>
<td>50  8  11</td>
<td>20  36  44</td>
<td>0.25  2.27  1.0</td>
</tr>
<tr>
<td>Pilkington Suncool™ Q 60</td>
<td>60  9  12</td>
<td>25  38  37</td>
<td>0.31  2.22  1.0</td>
</tr>
<tr>
<td>Pilkington Suncool™ Q 70</td>
<td>70  10  13</td>
<td>31  34  33</td>
<td>0.38  2.12  1.0</td>
</tr>
<tr>
<td>Triple insulating glass units: 6 mm outer pane – 12 mm argon – 4 mm Pilkington Optifloat™ Clear – 12 mm argon – 4 mm Pilkington Optitherm™ S3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pilkington Suncool™ Q 50</td>
<td>45  9  14</td>
<td>18  36  46</td>
<td>0.24  2.14  0.7</td>
</tr>
<tr>
<td>Pilkington Suncool™ Q 60</td>
<td>54  11  15</td>
<td>22  38  40</td>
<td>0.29  2.16  0.7</td>
</tr>
<tr>
<td>Pilkington Suncool™ Q 70</td>
<td>63  12  15</td>
<td>28  35  37</td>
<td>0.36  2.03  0.7</td>
</tr>
</tbody>
</table>

The above performance data has been determined in accordance with EN 410 and EN 673.

Product description

Pilkington Suncool™ Q is a neutral, superior solar control glass range with high colour-stability, low reflection and superb selectivity. The range includes Pilkington Suncool™ Q 50, Pilkington Suncool™ Q 60 and Pilkington Suncool™ Q 70 offering various levels of light transmission and a solar heat gain. All types look homogenous and attractive and can be combined in the same project.

The coating on the glass allows maximum natural daylight to enter the building whilst at the same time minimising solar radiation. This provides a more comfortable environment and cost-effective solution for building occupants and developers alike. In addition, its Uₜ-value of only 0.7* W/m²K, combined with the lowest reflectance on the market at only 8-10**% and colour-stability from all viewing angles, ensures a visually stunning façade.

"Innovation from tradition" describes what Pilkington glass stands for and Pilkington Suncool™ Q remains true to this claim – offering the right product for right application from the extensive Pilkington solar-control glass product-range.

* in a triple-glazed IGU (6 mm Pilkington Suncool™ Q – 12 mm argon – 4 mm Pilkington Optifloat™ Clear – 12 mm argon – 4 mm Pilkington Optitherm™ S3)
** in a double-glazed IGU (6 mm Pilkington Suncool™ Q – 16 mm argon – 4 mm Pilkington Optifloat™ Clear)

Benefits at a glance

- Neutral appearance
- Low reflection
- Superb selectivity
- High colour-stability from all angles

Availability:

- Standard sizes: 6000 × 3210 mm
- Thicknesses: 4-10 mm
- Laminated version: Pilkington Suncool Optilam™ Q in thicknesses of 6.4-12.8 mm

Other sizes, thicknesses and Pilkington Optiwhite™ low-iron substrate available on request. Pilkington Suncool™ Q can also be combined with other Pilkington glass products, such as Pilkington Optitherm™ S3 low-e and others to provide additional functionality.

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CE marking confirms that a product complies with its relevant harmonised European Norm. The CE marking label for each product, including declared values, can be found at www.pilkington.com/CE

Pilkington Group Limited
European Technical Centre
Hall Lane – Lathom Nr Ormskirk L40 5UF – United Kingdom
marketing.communications@nsg.com
www.pilkington.com

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