Technical specifications

PLANIBEL CLEARVISION

<table>
<thead>
<tr>
<th>PLANIBEL CLEARVISION</th>
<th>3 mm</th>
<th>4 mm</th>
<th>5 mm</th>
<th>6 mm</th>
<th>8 mm</th>
<th>10 mm</th>
<th>12 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light transmission % LT</td>
<td>92</td>
<td>92</td>
<td>92</td>
<td>92</td>
<td>91</td>
<td>91</td>
<td>91</td>
</tr>
<tr>
<td>Solar factor % g</td>
<td>91</td>
<td>91</td>
<td>91</td>
<td>91</td>
<td>90</td>
<td>90</td>
<td>89</td>
</tr>
<tr>
<td>Colour Rendering Index</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>99</td>
</tr>
<tr>
<td>Purity</td>
<td>0.1</td>
<td>0.1</td>
<td>0.1</td>
<td>0.1</td>
<td>0.2</td>
<td>0.2</td>
<td>0.2</td>
</tr>
</tbody>
</table>

1 According to CIE 15: 2004
Note: The LT and g values in this table are calculated according to EN 410

Processing options

| Safety | Toughening or heat-strengthening
| Laminating (PVB or EVA)
| Cutting | Straight or circular
| Shaping and edge finishing | Edge grinding
| Grinding
| Drilling
| Notches
| Special treatments | Sandblasting
| Etching
| Silk screen printing and enamelling
| Painting and silvering
| Bending
| Insulated glazing units | Double or triple glazing

PLANIBEL CLEARVISION is available in a large range of thicknesses from 3 mm to 12 mm (15 and 19 mm on request). For more details, refer to AGC’s Product Catalogue on www.yourglass.com
Enjoy the pureness of low-iron glass

--- PLANIBEL CLEARVISION ---

What’s so special about it? | What does this mean for you?
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Unparalleled light transmission of 92% (4 mm) | Increases amount of light entering a building, resulting in increased well-being of building occupants (see more info below)

High colour rendering index | Offers a bright view through the glass

Cristal clear aesthetics | Superior quality of light in a building

Great level of energy transmission | Lets the colours of objects or nature seen through the glass appear bright and fresh

Low level of energy absorption | When backpainted for interior applications, Planibel Clearvision conveys true and pure colours

Allows to gain free energy from the sun

Delivers a noble edge finishing when used in interior design (e.g. tables, doors, balustrades, etc)

Optimised cost and timing of construction phase through reduced need for toughening glass in insulated and triple glazing units

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Everything you need to know is in the name. With unparalleled light transmission of 92% (4 mm) and excellent colour rendering, Planibel Clearvision is the natural choice when crystal clear vision and clarity count. It’s no wonder this low-iron high-quality glass is being used more and more by architects and designers for projects requiring a high degree of transparency or a boost to colours. Even when used in extra-thick version for furniture or interior design (up to 19 mm), it remains perfectly neutral, proof of just how pure this product is.

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Did you know?

A study carried out by David Strong Consulting\(^1\) shows the benefits of having natural lighting in buildings:

- having a view of the outside and natural lighting in offices greatly reduces stress among employees and significantly improves their productivity;
- benefitting from natural daylight in hospitals reduces an average length of stay, allows a faster post-operate recovery and reduces requirements for pain relief;
- students that can enjoy natural daylight show improved academic achievements;
- increased natural daylight in retail shops substantially increases sales;
- in residential buildings, natural daylight contributes to the wellbeing of the occupants.

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\(^1\) Study carried out on behalf of Glass for Europe (European association of flat glass manufacturers). The distinctive benefits of glazing, the social and economic contributions of glazing to sustainability in the built environment, David Strong Consulting, 25th July 2012.