

Technical specifications

PLANIBEL CLEARVISION

PLANIBEL CLEARVISION	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Light transmission % LT	92	92	92	92	92	91	91
Solar factor % g	91	91	91	91	90	90	89
Colour Rendering Index	100	100	100	100	100	100	99
Purity ²	0.1	0.1	0.1	0.1	0.2	0.2	0.2

² 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

900503 UK - 06/16



PLANIBEL CLEARVISION is
Cradle to Cradle Certified™ Silver



GLASS UNLIMITED

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Planibel Clearvision

ENJOY THE PURENESS OF
LOW-IRON GLASS





Everything you need to know is in the name. With unparalleled light transmission of 92% (4mm) 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 19mm), it remains perfectly neutral, proof of just how pure this product is.

Enjoy the pureness of low-iron glass

PLANIBEL CLEARVISION

What's so special about it? | What does this mean for you?

- Unparalleled light transmission of 92% (4mm)** – Increases amount of light entering a building, resulting in increased well-being of building occupants (see more info below)
 - Offers a bright view through the glass
- High colour rendering index** – Superior quality of light in a building
 - Lets the colours of objects or nature seen through the glass appear bright and fresh
 - When backpainted for interior applications, Planibel Clearvision conveys true and pure colours
- Cristal clear aesthetics** – Delivers a noble edge finishing when used in interior design (e.g. tables, doors, balustrades, etc)
- Great level of energy transmission** – Allows to gain free energy from the sun
- Low level of energy absorption** – Optimised cost and timing of construction phase through reduced need for toughening glass in insulated and triple glazing units

Did you know?

A study carried out by David Strong Consulting¹ 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.

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.