

# PLANIBEL G

Home appliances and commercial refrigeration equipment



Planibel G is a clear glass with a pyrolytic Low-E coating applied at high temperature by chemical vapour deposition (CVD) to the glass surface during the float glass production process.

Planibel G delivers excellent performance and meet a multitude of industry requirements for home appliances, commercial refrigeration, heated glass and more.

## Planibel G

What's so special about it?

What does this mean for you?

- |  |  |
|--|--|
| Safety                                   | – Thanks to Planibel G pyrolytic coated glass, the external glazing remains much cooler than non coated glass when the oven is on                |
| Easy to process, no edge deletion needed | – Easier and faster processing   |
| Enhanced electrical conductivity         | – Can be heated for use in industrial applications such as commercial refrigeration. This avoids condensation issues when opening fridge doors   |
| Heat-reflecting coating                  | – Saves energy and significantly reduces the front temperature of outer oven doors, etc.<br>– Keeps the heat outside in commercial refrigeration |
| Long shelf life                          | – Can be kept in stock for an unlimited period   |

## Properties

Thickness (mm)	4*
Ug value W/(m²K) EN 673	3.7 (in single glazing)
Light transmission (%) EN 410	83
Light reflection (%) EN 410 (external/internal)	10/11
Colour rendering Index (%)	98
Haze (max.%)	0.5
Normal emissivity of the coated side EN 12898	0.14
Sheet resistance of the coating (Ω/m²)	13 to 17
Classification of coated glass according to EN 1096-1	A

\*Available also in 3.15 and 6 mm.



## Processing options

<b>Safety</b>	Can be thermally toughened or heat-strengthened in all types of tempering furnaces Can be laminated
<b>Cutting</b>	All shapes possible
<b>Shaping and edge-finishing</b>	Edge grinding Grinding Drilling Notches Silk-screen printing and enameling possible Painting Heated glass Can be bent
<b>Insulating glazing units (IGUs)</b>	Double or triple glazing



## Availability

Planibel G is available in 3,15, 4 and 6 mm and in 225/255/450/520 x 321 cm (see Product catalogue on [www.agc-yourglass.com](http://www.agc-yourglass.com) to check the available combinations).

### AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

Based in Louvain-la-Neuve (Belgium), AGC Glass Europe produces, processes and markets flat glass for the construction industry (external glazing and interior decoration), car manufacture and solar power applications. It is the European branch of AGC, the world's leading producer of flat glass. It has over 100 sites throughout Europe, from Spain to Russia. AGC Glass Europe has representatives worldwide - See [www.agc-yourglass.com](http://www.agc-yourglass.com) for further addresses.

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