

PLANICLEAR®



Description

The glass and glazing sector has seen a trend towards clearer float glass substrates in recent years. This demand is driven by the need for a more neutral appearance on the architectural project as well as the need for improved passive energy gain on the residential market.

PLANICLEAR®'s lower iron content decreases the absorption level - thus increasing the solar gain (g value). An increased passive gain in solar heat can increase a window's total energy balance.

PLANICLEAR® also serves a higher level of Light transmission (LT). This contributes to increase in the level of natural daylight and reduces the need for artificial lighting – creating a more comfortable environment.

PLANICLEAR®'s lower iron content decreases green coloring levels so the appearance is clearer and more neutral. This contrast is particularly recognizable when viewing the edge of the glass.

Applications

PLANICLEAR® can be used in applications which require a high degree of clarity and neutrality including:

- Windows and doors
- Mirrors
- Laminated safety glass
- Interior applications
- Glass facades
- Partitions

Range

PLANICLEAR® is available in:

- Jumbo size (PLF) up to 18000 mm x 3200 mm, DLF 2250 x 3210 mm, DLF 2000 x 3210 mm
- Thicknesses: 2.9 - 3.9 - 5.9 - 8 - 10 - 12 - 15 - 19 mm

Performance

Saint-Gobain Glass Glass reserves the right to change product performance features without notice or obligation. Contact your Saint-Gobain sales representative to check the availability in your country.

Average performance values of SGU according to the standards ISO 9050 m1 and EN 673.

Thickness (mm)	Light Transmission (%)	Solar Factor g	LRe (%)
2	91	0.90	8
3	91	0.89	8
4	91	0.88	8
5	90	0.87	8
6	90	0.87	8
8	89	0.85	8
10	89	0.84	8
12	88	0.82	8
15	87	0.80	8
19	86	0.78	8



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