



www.pilkington.com/planarcoatedupdate

General notes

- Coating technology is changing rapidly and therefore this electronic data sheet has been created to provide up-to-date product availability and performance levels.
- It is strongly recommended that indicative 6/12/6 colour samples are viewed and approved as a basis of colour selection since coatings having the same general performance levels may vary in tint and reflectivity. If sufficient time is available on a specific project then Pilkington will be able to provide samples on the correct glass thicknesses.
- Please note that this is a selection of the coated glasses within the product range and that Pilkington will attempt to match a particular performance specification if the following coatings are not suitable.
- The performance data supplied is indicative only and can vary dependent on the substrate used.

Planar Sun Manufacturing Data

Glass Thickness	Maximum Size [mm]	Minimum Size [mm]	Aspect Ratio	Max. Weight [Kg]	Comments
type 1 coating					
4mm	1500 x 2500	300 x 500	10:1	750	
6mm - 10mm	2400 x 4500	300 x 500	10:1	750	Limited to 10mm thick and less
type 2 coating					
4mm	1500 x 2500	300 x 500	10:1	750	type 2 products generally have lower lead times being manufactured in a different plant to type 1 products
6mm - 12mm	2400 x 4800	300 x 500	10:1	750	Thicker than 12mm coated glass on request only

Planar Sun Performance Data

Pilkington **Planar™** IGUs with 6mm Pilkington **Optifloat™** Clear inner pane and 16mm airspace

Outer Pane Glass Type	Colour	Thickness (mm)	Light Transmittance LT	Light Reflectance LR	Total Solar Radiant Heat Transmittance	Total Shading Coefficient	U Value (W/m2K)	Rw Value (db)
Planar Sun	70/40 (*)	10	0.68	0.09	0.41	0.47	1.4	38
	66/33 (*)	10	0.63	0.15	0.35	0.40	1.3	38
	50/25 (*)	10	0.48	0.10	0.26	0.30	1.3	38
	73/39 (**)	10	0.69	0.10	0.40	0.46	1.4	38
	52/29 (**) (N)	10	0.50	0.09	0.30	0.34	1.4	38
	68/34 (**) (N)	10	0.64	0.09	0.36	0.41	1.3	38
	70/36 (**)	10	0.67	0.12	0.38	0.44	1.3	38

(*) Type 1 coating - original style coating with some thickness limitations
 (**) Type 2 coating - newer style coating with increased thickness range and lower lead times
 (N) Coating style not recommended with Pilkington **Optiwhite™** due to hue effects which can be generated

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