



## Pilkington **Optifloat™** Tint Range

Body tinted solar control glass

## Pilkington **Optifloat™** Tint - performance data

Glass (outer pane)	Light (%)			Solar radiant heat (%)				Total shading coefficient	U <sub>g</sub> [W/m <sup>2</sup> K]
	Transmittance	Reflectance external	Reflectance internal	Direct transmittance	Reflectance	Absorptance	Total transmission		Argon (90%)
Insulating glass units: 6 mm outer pane – 16 mm argon – 4 mm Pilkington <b>Optitherm™</b> S3									
Pilkington <b>Optifloat™</b> Bronze	45	6	9	31	11	57	0.38	0.44	1.1
Pilkington <b>Optifloat™</b> Green	68	9	11	35	9	56	0.41	0.47	1.1
Pilkington <b>Optifloat™</b> Grey	40	6	9	30	11	60	0.36	0.41	1.1
Pilkington <b>Arctic Blue™</b>	49	7	10	27	7	65	0.33	0.38	1.1
Triple insulating glass units: 6 mm outer pane – 16 mm argon – 4 mm Pilkington <b>Optitherm™</b> S3 – 16 mm argon – 4 mm Pilkington <b>Optitherm™</b> S3									
Pilkington <b>Optifloat™</b> Bronze	41	7	13	25	13	63	0.31	0.36	0.6
Pilkington <b>Optifloat™</b> Green	62	11	14	29	10	61	0.36	0.41	0.6
Pilkington <b>Optifloat™</b> Grey	36	7	12	23	12	65	0.30	0.34	0.6
Pilkington <b>Arctic Blue™</b>	44	8	13	23	8	69	0.28	0.32	0.6

The above performance data has been determined in accordance with EN 410 and EN 673.

**Please note: Solar control glass in annealed form may be subject to thermal stress and a thermal safety check is advisable for all applications.**

## Product features summary

- Solar control glazing with no need for surface coatings.
- Range of colours with low reflectivity.
- Easy to handle and process, products can be laminated, toughened, bent and enamelled.
- Can be used in monolithic form or incorporated in Insulating Glass Units.
- Available in a wide range of colours and thicknesses:  
Pilkington **Optifloat™** Green from 4 mm to 10 mm,  
Pilkington **Optifloat™** Bronze and Grey from 3 mm to 10 mm  
and Pilkington **Arctic Blue™** available in 4 mm to 10 mm.
- Solar control properties, colour density and appearance vary with thickness.

Pilkington **Optifloat™** Bronze, Green and Grey have defined the industry standards for tinted solar control glass. They offer a choice of aesthetics whilst efficiently controlling levels of solar heat gain.



Pilkington **Arctic Blue™** lets most of the natural light in while also providing high levels of solar control. The unique, clear blue colour effectively controls solar radiation and offers designers an original and innovative architectural and aesthetic option, even where low reflection is required.

A range of spandrel panels incorporating single or double glazed ceramic panels are also available.

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The CE marking label for each product, including declared values, can be found at [www.pilkington.com/CE](http://www.pilkington.com/CE)



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