The Pilkington **Optifloat**™ Tint range

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

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Product IGU construction (6 mm external pane – 16 mm – 4 mm Pilkington **Optitherm**™ S3)	**Level of reflection**†
Pilkington **Optifloat**™ Bronze	Low
Pilkington **Optifloat**™ Green	Low
Pilkington **Optifloat**™ Grey	Low
Pilkington **Arctic Blue**™	Low

† Level of reflection: Low reflection < 15%, Medium reflection 15-25%, High reflection > 25%.

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.

Pilkington **Optifloat**™ Tint performance data

Insulating Glass Unit construction (6 mm external pane – 16 mm argon – 4 mm Pilkington **Optitherm**™ S3)	Light		Solar Radiant Heat				Shading coefficient			U_g-value (W/m^2K)
	Transmittance	Reflectance	Direct Transmittance	Reflectance	Absorptance	Total Transmittance	Short Wavelength	Long Wavelength	Total	Argon-filled
Pilkington **Optifloat**™ Bronze	0.44	0.07	0.30	0.12	0.58	0.37	0.34	0.09	0.43	1.1
Pilkington **Optifloat**™ Green	0.67	0.10	0.34	0.09	0.57	0.40	0.39	0.07	0.46	1.1
Pilkington **Optifloat**™ Grey	0.39	0.06	0.29	0.12	0.59	0.35	0.33	0.07	0.40	1.1
Pilkington **Arctic Blue**™	0.48	0.08	0.27	0.08	0.65	0.33	0.31	0.07	0.38	1.1

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

The U_g-value for gas-filled Insulating Glass Units has been based on 90% argon gas fill.

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

This publication provides only a general description of the product. Further, more detailed information may be obtained from your local Pilkington Building Products supplier. It is the responsibility of the user to ensure that the use of this product is appropriate for any particular application and that such use complies with all relevant legislation, standards, code of practice and other requirements. To the fullest extent permitted by applicable laws, Nippon Sheet Glass Co. Ltd. and its subsidiary companies disclaim all liability for any error in or omission from this publication and for all consequences of relying on it.

CE

CE marking confirms that a product complies with its relevant harmonised European Norm.
The CE marking label for each product, including declared values, can be found at www.pilkington.com/CE

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