



## Low-iron clear float glass

### Pilkington **Optiwhite™** and Pilkington **Optiwhite™ E**

Performance data summary

Product	Light		Solar Radiant Heat				U <sub>g</sub> -value (W/m <sup>2</sup> K)
	Transmittance	Reflectance	Direct Transmittance	Reflectance	Absorptance	Total Transmittance	
2 mm	0.92	0.08	0.91	0.08	0.01	0.91	5.9
*3 mm	0.92	0.08	0.91	0.08	0.01	0.91	5.8
*4 mm	0.92	0.08	0.91	0.08	0.01	0.91	5.8
5 mm	0.91	0.08	0.90	0.08	0.02	0.91	5.8
*6 mm	0.91	0.08	0.90	0.08	0.02	0.90	5.7
8 mm	0.91	0.08	0.89	0.08	0.03	0.90	5.7
10 mm	0.91	0.08	0.88	0.08	0.04	0.89	5.6
12 mm	0.91	0.08	0.88	0.08	0.04	0.89	5.5
15 mm	0.90	0.08	0.87	0.08	0.05	0.88	5.5
19 mm	0.90	0.08	0.86	0.08	0.06	0.87	5.3

The above performance data has been determined in accordance with EN 410 and EN 673 based on 90% argon fill.

Pilkington **Optiwhite™ E** is the name for Pilkington **Optiwhite™** manufactured in the UK in 4 and 6 mm thicknesses for use in Pilkington **energiKare™** energy-efficient glazing and 3 mm for laminates. The performance figures are exactly the same as for Pilkington **Optiwhite™** however the colour of the glass as viewed from the edges may not be as clear.

When Pilkington **Optiwhite™ E** is used as the outer pane of an Insulating Glass Unit for domestic applications, the solar energy transmission (solar gain) is increased enabling the unit to achieve a higher Window Energy Rating (WER) and therefore a higher level of thermal efficiency.

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. Pilkington and “Optiwhite” are trade marks of Nippon Sheet Glass Co. Ltd.



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](http://www.pilkington.com/CE)



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