





Pilkington **Optitherm™** S1 Plus

Energy saving is becoming increasingly important and is one of the intensely debated topics of our time.

Pilkington **Optitherm™** S1 Plus is a high performance off-line coated low-e product, specially designed for Insulating Glass Units. It offers ultra low emissivity and achieving a U_g -value of only $1.0 \text{ W/m}^2\text{K}$ when incorporated in a double glazed IGU.

Pilkington **Optitherm™** S1 Plus is a single stock, low-e product and as such has the same performance in both annealed and toughened format. Pilkington **Optitherm™** S1 Plus can also be supplied in laminated form. It combines superior light transmittance with a highly neutral colour and is the ultimate in thermal insulation.

Pilkington **Optitherm™** S1 Plus can contribute significantly in the reduction of energy losses and hence heating costs due to its incredibly low U_g value. It also increases interior comfort by reducing downdraughts in window areas, ensuring even heat distribution throughout the room and should be specified for any situation where excessive heat loss is a concern.





Benefits and Features

- Ultra low U_g -value 1.0 W/m²K in a double glazed IGU, in accordance with EN 673;
- U_g values as low as 0.5 in triple IGUs;
- Energy efficient way to reduce heating bills and environmental impact through reduced CO₂ emissions;
- Highly neutral appearance in transmission and reflection;
- Suitable for both domestic and commercial applications including refurbishment and new build;
- Available in a range of sizes and thicknesses for various applications;
- Available in combination with Pilkington **Optilam**[™] and Pilkington **Optiphon**[™] for impact resistance, increased security or improved noise reduction;
- It can be combined with other products from our range to provide additional benefits such as safety, security, noise control, self-cleaning and solar control.



This publication provides only a general description of the products. Further, more detailed, information may be obtained from your local supplier of Pilkington products. It is the responsibility of the user to ensure that the use of these products is appropriate for any particular application and that such use complies with all relevant legislation, standards, codes 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, "Optitherm", "Optilam" and "Optiphon" are trademarks owned by Nippon Sheet Glass Co. Ltd, or a subsidiary thereof.



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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