



Pilkington **Optitherm**™ S3 Plus

Pilkington **Optitherm**™ S3 Plus is a UK-manufactured, off-line coated, low-emissivity (low-e) glass intended to reduce U_g -values to $0.6 \text{ W/m}^2\text{K}^*$ when incorporated in triple glazing units while minimising levels of external reflection.

Key features

- Low-e coating reflects heat back into the room, reducing heat loss
- U_g -values of $0.6 \text{ W/m}^2\text{K}^*$ when incorporated in triple glazing units
- Intended to reduce external reflection when used in triple glazing units when compared to Pilkington **Optitherm**™ S1 Plus
- Neutral view through glass due to high light transmission
- Achieves Class C to EN 1096-3
- Single stock product available in annealed form and can be toughened without compromising performance or appearance

Applications

Pilkington **Optitherm**™ S3 Plus is suitable for a wide range of residential and commercial projects where triple glazing units are required:

- New-build housing/buildings
- Replacement windows
- Conservatories and garden rooms
- Energy-efficient upgrades to existing homes

Ready to specify

Pilkington **Optitherm**™ S3 Plus?

Contact enquiries@pilkington.com for technical guidance, test reports, samples, or details of your nearest UK supplier.

Performance Data Calculator



Pilkington Spectrum Online

* See unit construction under 'Performance data' section

Performance data

Glass product	Light			Solar radiant heat				U_g -value [W/m ² K]
	Transmittance	External Reflectance	Internal Reflectance	Direct Transmittance	Reflectance	Absorptance	Total Transmittance (g-value)	Argon (90%)
Double Glazed Unit: Inner pane as indicated below – 16 mm 90% argon-filled cavity – 4 mm Pilkington Optifloat ™ Clear outer pane								
4 mm Pilkington Optitherm ™ S3 Plus	0.81	0.14	0.15	0.57	0.29	0.14	0.63	1.1
Triple Glazed Unit: Inner pane as indicated below – 16 mm 90% argon-filled cavity – 4 mm Pilkington Optifloat ™ Clear mid pane – 16 mm 90% argon-filled cavity – outer pane as indicated below								
4 mm Pilkington Optitherm ™ S3 Plus	0.72	0.20	0.20	0.45	0.35	0.20	0.51	0.6

The above performance data has been determined in accordance with EN 410:2011 and EN 673:2011.

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CE Marking confirms that a product meets the requirements of its relevant harmonised European Norm and can be placed on the market in the EU. The CE Marking Declaration of Performance for each product can be found at www.pilkington.com/ce



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