

Pilkington Insulight™ Sun
Keeping homes cooler.



THIS IS HOW INSULIGHT™ WORKS

Pilkington Insulight™ Sun Range



PILKINGTON

Pilkington Insulight™

When it comes to insulating glass units (IGUs), Pilkington continues to lead the way.

Pilkington **Insulight™** – the name given to our own range of IGUs – are technically advanced, dual sealed insulating glass units compliant with both National and European Standards for insulating glass; (BS)EN 12150. And, because we offer six popular IGU options, specifically designed to meet your individual customer's needs, you get the range of choice and reassurance of quality you expect from a premium brand. Recent studies show Pilkington to be the one and only brand that homeowners know and recognise.

So, whatever your glazing requirements, insist on **Insulight™** every time – just look for the name on the spacer bar.



Typical Pilkington **Insulight™ Sun** Performance Figures

Product description								
Insulating Glass Unit with 16mm airspace	Pilkington K Glass™				Pilkington Optitherm™ SN			
	Air	g	Argon*	g	Air	g	Argon*	g
4mm Pilkington Optifloat™ Clear	1.7	0.72	1.5	0.72	1.4	0.63	1.2	0.63
4mm Pilkington Optifloat™ Green	1.7	0.51	1.5	0.51	1.4	0.48	1.2	0.47
4mm Pilkington Optifloat™ Bronze	1.7	0.53	1.5	0.53	1.4	0.46	1.2	0.46
4mm Pilkington Optifloat™ Grey	1.7	0.52	1.5	0.51	1.4	0.45	1.2	0.44
4mm Pilkington Arctic Blue™	1.7	0.45	1.5	0.45	1.4	0.41	1.2	0.41
4mm Pilkington Activ™	1.7	0.69	1.5	0.69	1.4	0.60	1.2	0.60
4mm Pilkington Activ™ Blue	1.7	0.41	1.5	0.41	1.4	0.38	1.2	0.37

g = total solar radiant heat transmittance

All figures to BS EN 410 and BS EN 673

* 90% gas fill

Pilkington **Insulight™ Sun Range**

As part of the Pilkington **Insulight™** range, Pilkington **Insulight™ Sun** has been specifically designed to provide superior solar control. Combined with a thermal insulation glass, the unit can reduce heat gain by up to 70%, making it the optimum choice for year-round comfort throughout your home, and especially your conservatory.

Giving you what your customers want

Customers are becoming increasingly demanding with their needs and wants. The Pilkington **Insulight™ Sun** Range offers a number of variable options so that a unit can be designed to suit individual requirements.

Customers can choose from:

- The full Pilkington range of solar performance glass products
- A wide variety of cavity widths from 6mm up to 20mm
- A choice of spacer bar colours, including silver, black, white, bronze and gold
- Optional edge seals designed to withstand UV light and moisture vapour permeation

A choice of benefits

To give your customers exactly the right combination of benefits for their conservatory, we offer the following extensive range of products in our Pilkington **Insulight™ Sun** units:

Homeowner Products

New Pilkington Activ™ Blue

The optimum roof unit combining solar control and self-cleaning properties.

Benefits

- Outstanding solar control performance combined with good light transmission
- Attractive blue colour offers excellent aesthetics
- Permanent self-cleaning

Pilkington Optifloat™ Tint

A range of body tinted glass, offering low to medium performance.

Benefits

- Range of solar control options
- Available in a range of colours; Arctic Blue, Green, Bronze and Grey
- Low reflection

Pilkington Insulight™ Sun with ScreenLine® blinds

An advanced tilting and lifting Venetian blind system designed specifically for vertical glazing in domestic conservatories.

Benefits

- Outstanding control against glare and build up of heat
- Operated by a convenient drive system so homeowners can regulate their own comfort
- The blind is sealed within the insulated glazing unit so it won't get dirty or damaged

Commercial Products

Pilkington Suncool™ Range

An energy management glass combining high-light transmission and solar control performance.

Benefits

- Reduces solar heat gain
- Low-emissivity for thermal insulation
- Offers solar control performance in a range of colours
- Now also available in a self-cleaning version; Pilkington Activ Suncool™

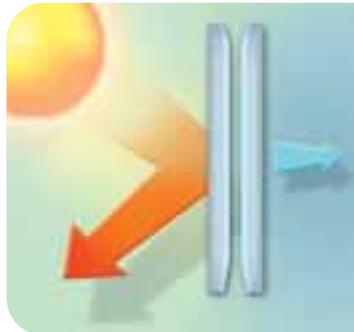
Pilkington Eclipse Advantage™

A range of pyrolytic hard coated solar control glass with low E.

Benefits

- Energy efficient combining low emissivity with solar control
- Sealant compatible with no edge deletion required
- Available in a range of colours; Arctic Blue, Blue-Green, Bronze, Evergreen and Grey
- Can be toughened to reduce lead times

Ask your representative for more details.



Pilkington **Insulight™ Sun** – keeping your conservatory cool

For further information go to: www.pilkington.co.uk/householders or www.pilkington.co.uk/Insulight

The table below gives a simple comparison between standard double glazing, polycarbonate, and high performance Pilkington **Insulight™** conservatory roof options.

	Normal Double Glazing	25mm Polycarbonate	4mm Pilkington Activ™ Blue 16mm Argon filled cavity 4mm Pilkington K Glass™ T	4mm Pilkington Activ™ Blue 16mm Argon filled cavity 4mm Pilkington Optitherm™ SN T
Light Transmittance	81%	68%	49%	57%
Total Solar Radiant Heat Transmittance, g	0.76	55%	0.41	0.37
U-Value	2.7	1.75	1.5	1.2
Dual Action Self-Cleaning External Surface	×	×	✓	✓

Why would you choose a glass conservatory roof over a polycarbonate one?

Glass provides a better view than polycarbonate, which can also become very dirty, very quickly. It is also much quieter in rain and hail. Finally, a glass roof, especially one glazed with Pilkington Activ™ Blue, can provide improved solar control to maintain a more comfortable temperature.

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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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