

Pilkington **Insulight™** Sun  
Keeping homes cooler.



INSIST ON INSULIGHT



**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 1279. 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.

## 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

## Typical Pilkington Insulight™ Sun Performance Figures

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

## 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™**

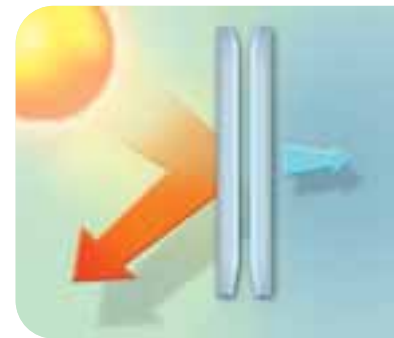
#### Pilkington **Eclipse Advantage™**

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](http://www.pilkington.co.uk/householders) or [www.pilkington.co.uk/Insulight](http://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 <b>Activ™</b> Blue 16mm Argon filled cavity 4mm Pilkington <b>K Glass™</b> T	4mm Pilkington <b>Activ™</b> Blue 16mm Argon filled cavity 4mm Pilkington <b>Optitherm™</b> 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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The CE marking label for each product, including declared values, can be found at [www.pilkington.com/CE](http://www.pilkington.com/CE)



**PILKINGTON**

**Pilkington Building Products - UK**  
Prescot Road St Helens WA10 3TT United Kingdom  
Telephone 01744 692000 Fax 01744 692880  
[pilkington@respond.uk.com](mailto:pilkington@respond.uk.com)  
[www.pilkington.com](http://www.pilkington.com)