



The Pilkington **Cervoglass™** Range

Glazing solutions for conservatories, bi-fold doors
and glazed roofs.

Inspirational glazing for the home

Glazing can transform the look of your home. Bi-fold doors and glazed panels let the natural light flood in. So if you add a conservatory, an orangery, glass roof or even a modern glass extension to your home you'll instantly benefit from a bright and tranquil space for relaxing in or entertaining.

Whether you're building yours for additional space or extra light, a glass extension is sure to add value to your home as well as giving you a wonderful view of your garden and outside areas. It's the perfect way to bring the outdoors, inside – whatever the great British weather.

What is Pilkington **Cervoglass™**?

Pilkington **Cervoglass™** is a range of high performance Insulating Glass Units that are specifically designed for conservatory roofs and side-frame glass, all including thermal insulation as standard.

Optional features of this range include; self-cleaning glass and solar-control. Each of these product combinations offer enhanced performance, comfort and value.

Manufactured in our state-of-the-art glass processing facility and achieving the highest quality standards, this range is the market leading conservatory roof glass in the UK.

Choosing the right glass is an important decision. This brochure outlines the innovative features of our glass products to help select the right product to suit you.



All images in this brochure courtesy of David Salisbury
except where otherwise stated.



What is Pilkington Activ™?

The world's first self-cleaning glass, it looks the same as conventional glass, except it has a unique coating that can tackle everyday grime in two ways: first it uses daylight to break down organic deposits (such as dirt) and secondly, it uses rain to wash it away. Fortunately, we have plenty of that in Britain but even if we experience a dry spell of weather, a gentle spray of water will get rid of the broken down dirt. Pilkington Activ™ also dries faster leaving fewer streaks.

It's the perfect solution for hard to reach glazing such as conservatory roofs, glass pods and lanterns, or even for bi-fold doors. The durable coating never needs reapplying, and will last as long as the glass does.

Where can it be used?

You can install Pilkington Activ™ anywhere, but it's particularly useful for windows that are hard to clean by hand (such as conservatory roofs) or for skylights where organic dirt normally collects.





Will my windows ever need cleaning?

A good question, and whilst we cannot 100% guarantee that your windows will never need cleaning (that depends on the amount of dirt and the amount of rain the glass receives) we can say that Pilkington **Activ™** significantly reduces the amount of maintenance required.

If cleaning is necessary – such as during long dry spells or if your windows are heavily soiled – it is much easier than cleaning conventional glass. Simply hose gently to replicate rainfall or use a soft cloth and warm soapy water.



What is Solar Control?

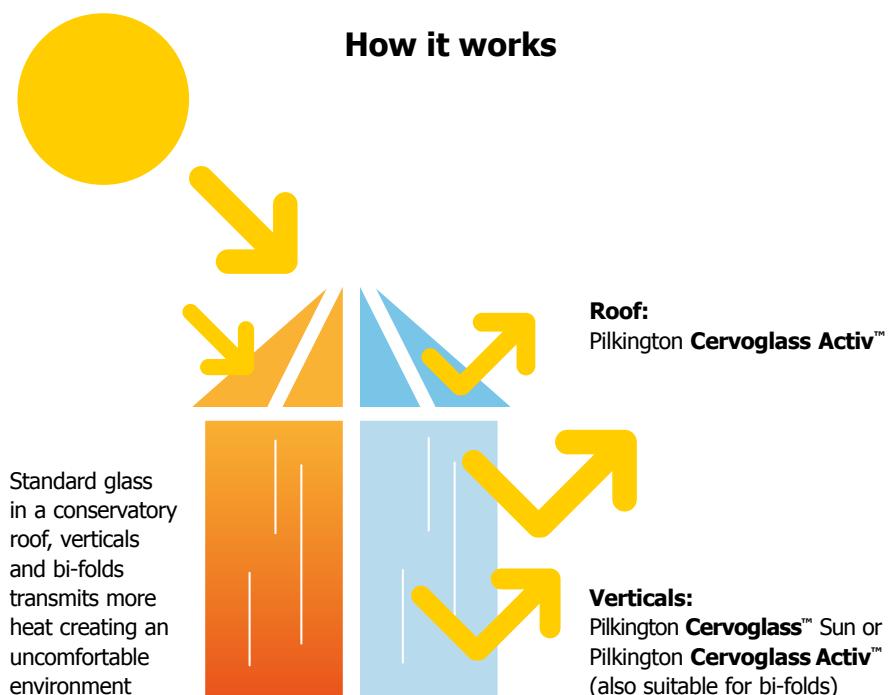
Summer is the season when we get the most use out of our conservatories. When days are long and sunny, glass with solar control can help prevent your conservatory from becoming too hot, it reduces the amount of heat allowed to pass into your conservatory or home.

Both Pilkington **Cervoglass™ Sun** and Pilkington **Cervoglass Activ™** units combine a solar control glass (that keeps the interior cooler during summer months) with thermally efficient low-e glass (that helps to keep it warmer in winter).

Where can it be used?

Solar control glass is perfect for rooms where heat from the sun is likely to be a concern.

How it works



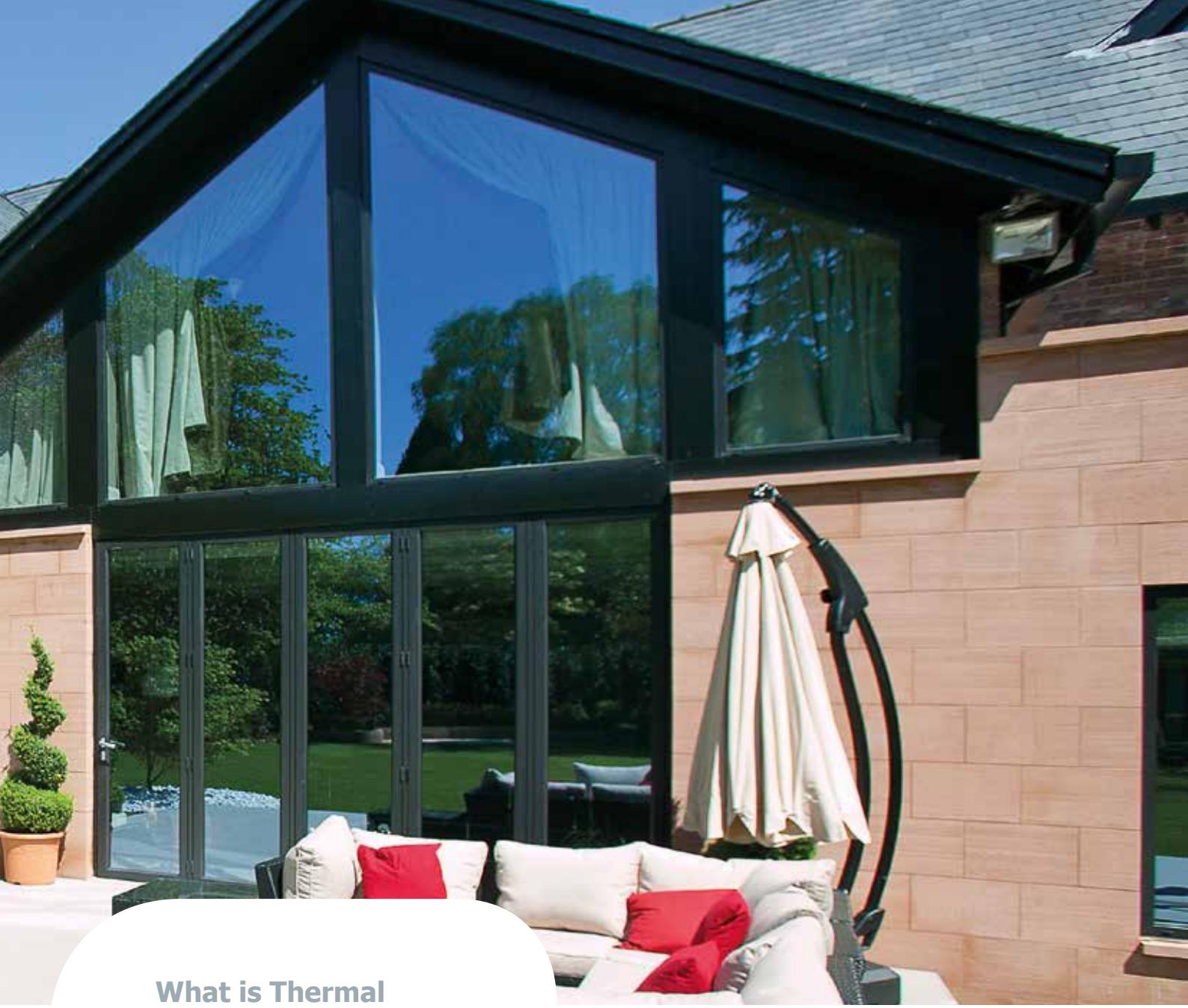


Image courtesy of Tsiantar Architects Ltd.

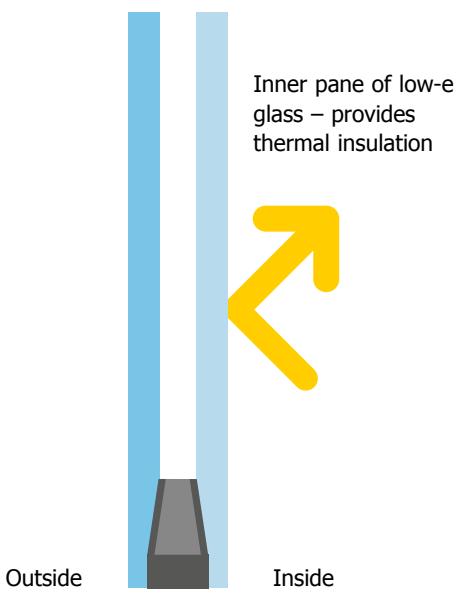
What is Thermal Insulation?

The inner pane of a Pilkington **Cervoglass™** unit contains a special coating*. This coating helps reduce the amount of heat that escapes through the glass – it's perfect for conservatories, or large glazed areas, during the chilly winter months.

A low-e glass on the inner pane of the insulating glass unit allows some of the sun's rays through, but reflects the heat from your radiators in your room, creating a comfortable environment. It also saves energy helping you to reduce your heating bills, and it reduces unsightly internal condensation.

*Except Pilkington **Cervoglass™ Sun** where the coating is on the outer pane.

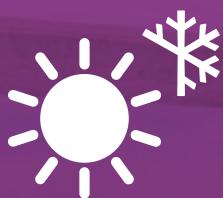
How it works



Inner pane of low-e glass – provides thermal insulation



Benefits across the Pilkington Cervoglass™ range



U-value

Keeps your environment warm
when the weather is cold.



Heat rejection

Helps keep your environment cool
when it's warm outside.



UV blocking

Blocks UV from the sun,
protecting furniture.[†]



Visible light transmission

Optimal light transmittance allows
as much light in as possible.



Self cleaning glass

Self-cleaning glass is exactly as the name
suggests – glass that keeps itself clean.



Note: Benefits are dependant on product choice.

[†] Fading of material is a complex phenomenon and
can be influenced by factors other than UV radiation.

A quick summary to help you decide which product is right for you.

Feature	Benefit – Pilkington Cervoglass Activ™ (roofs & side glass)
Self-Cleaning	Reduces the amount of cleaning required saving time and money. Ideal for difficult to reach places.
Durable, permanent coating	Never needs re-applying and will last as long as the glass does.
High levels of solar control	Cooler in summer due to reduced heat from the sun.
Thermal insulation U-value as low as 1.0	Allows the sun's rays through whilst reflecting the heat from internal heat sources, re-radiating it back into your home, creating a space that can be used all year round. Reduces unsightly internal condensation.
Toughened glass	Improves safety.
Manufactured in the UK	Completely manufactured in the UK, in our state-of-the-art glass processing facilities.
Feature	Benefit – Pilkington Cervoglass™ Sun (side glass)
High levels of solar control	Cooler in summer due to reduced heat from the sun.
Neutral in colour	Aesthetically pleasing, making it the perfect choice for conservatories, bi-fold doors or glass extensions.
Low internal reflection	Improving the external view – bringing the outside in.
Thermal insulation U-value as low as 1.0	Allows the sun's rays through whilst reflecting the heat from internal heat sources, re-radiating it back into your home, creating a space that can be used all year round. Reduces unsightly internal condensation.
Toughened glass	Improves safety.
Manufactured in the UK	Completely manufactured in the UK, in our state-of-the-art glass processing facilities.
Feature	Benefit – Pilkington Cervoglass™ Therm (roofs & side glass)
Thermal insulation U-value as low as 1.0	Allows the sun's rays through whilst reflecting the heat from internal heat sources, re-radiating it back into your home, creating a space that can be used all year round. Reduces unsightly internal condensation.
Toughened glass	Improves safety.
Manufactured in the UK	Completely manufactured in the UK, in our state-of-the-art glass processing facilities.

Pilkington Cervoglass™

	4 mm outer pane	4 mm inner pane	Light transmittance	Solar Heat Rejection	U-value	Self-cleaning	Solar Control	Toughened	Argon filled	Preferred Choice for Roofs	Preferred Choice for Side Frames (windows & doors)
Pilkington Cervoglass Activ™	Pilkington Activ SunShade™ Blue*	Pilkington Optitherm™ S1 Plus	0.27	0.80	1.0	Y	Y	Y	Y	Y	Y
	Pilkington Activ SunShade™ Neutral*		0.42	0.68	1.0	Y	Y	Y	Y	Y	Y
	Pilkington Activ™ Blue		0.50	0.67	1.0	Y	Y	Y	Y	Y	Y
	Pilkington Activ™ Bronze		0.49	0.64	1.0	Y	Y	Y	Y	Y	Y
	Pilkington Activ™ Clear		0.72	N/A	1.0	Y	Y	Y	Y	Y	Y
Pilkington Cervoglass™ Sun	Pilkington Suncool™ One 60/40	Pilkington Optifloat™ Clear	0.61	0.57	1.0	N	Y	Y	Y	N	Y
Pilkington Cervoglass™ Therm	Pilkington Optifloat™ Clear	Pilkington Optitherm™ S1 Plus	0.76	0.44	1.0	N	N	Y	Y	Y**	Y

*Pilkington Activ SunShade™ Blue and Pilkington Activ SunShade™ Neutral are premium products incorporating a higher level of solar control.

**Best suited to north facing conservatories.

INSTALLER/STOCKIST:

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.

Please note that imagery throughout is for illustrative purposes only.



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

**Pilkington United Kingdom Limited**

Registered office: European Technical Centre, Hall Lane, Lathom, Nr Ormskirk, Lancashire L40 5UF

Telephone 01744 692000 Fax 01744 692880

pilkington@respond.uk.com

www.pilkington.co.uk