



Why change your windows when  
you can just upgrade the glass?

 Pilkington energikare™  
energy efficient glazing



## Replace the glass - Reduce the heat loss.

Reduce heat loss by up to

**82%**

by upgrading from single glazing

Did you know upgrading standard double glazing to Pilkington **energiKare™** can reduce heat loss by up to

**64%**

Did you know that up to eight times more heat escapes through old window glass? However with the right glass in your windows, you could reduce that amount by as much as 82%.

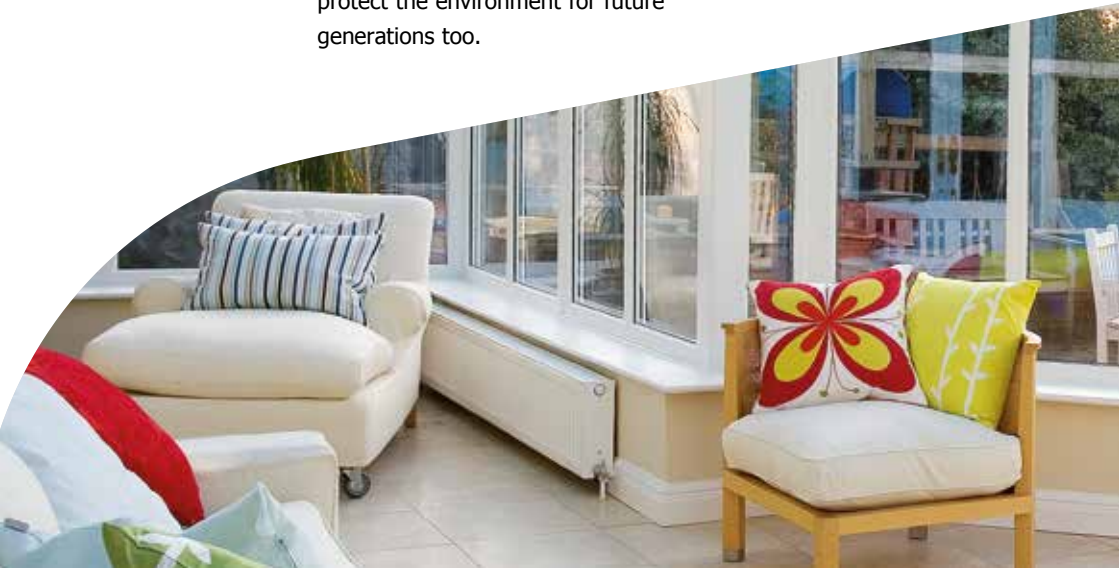
If your PVCu, timber or aluminium frames are in good condition there's no need to replace them - simply upgrade the glass to Pilkington **energiKare™** double glazing.

It incorporates a product from the well known range of Pilkington **K Glass™** or innovative Pilkington **Optitherm™ S1 Plus** technology to make your home warmer and cosier, and it can even help to reduce your fuel bills.

By choosing the right glass your reduced CO<sub>2</sub> emissions can help protect the environment for future generations too.

Pilkington **energiKare™** delivers all of these benefits:

- Improves energy efficiency
- Reduces the amount of energy used in your home
- Saves money on heating bills
- More effective than single or standard double glazing
- Offers you the reassurance of Pilkington glass quality
- Suitable for use in existing PVCu, timber and aluminium windows
- Manufactured to the highest British and European standards
- Provides the opportunity to include decorative and other added value effects to your windows

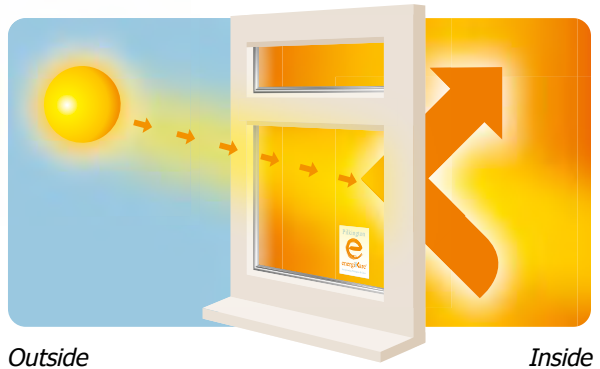


## How does the Pilkington **energiKare™** range work?

Pilkington **energiKare™** is unlike ordinary double-glazing, because it works in two ways; reducing the amount of heat lost, and allowing more of the sun's heat energy in.

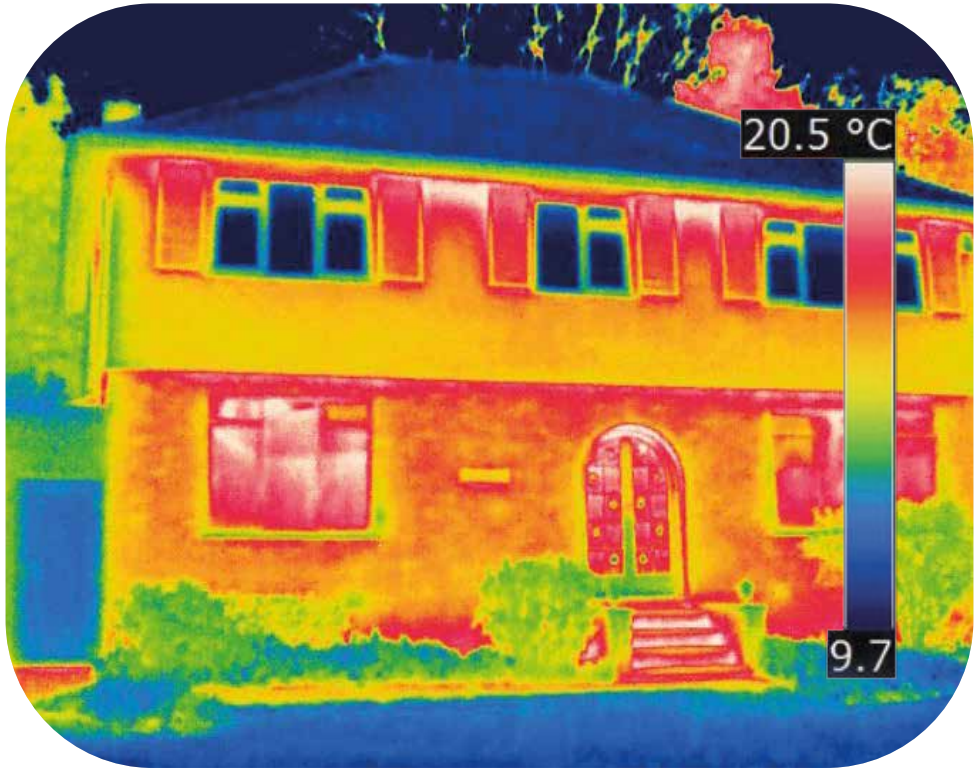
It's a combination of glass from our premium ranges, to help achieve the highest window energy rating (WER) or a very low U-value.

Filling the double glazed unit with either argon gas or air combined with a warm edge spacer, reduces the amount of heat escaping from the windows. This helps to further improve the thermal performance of your window, making your home feel warmer.



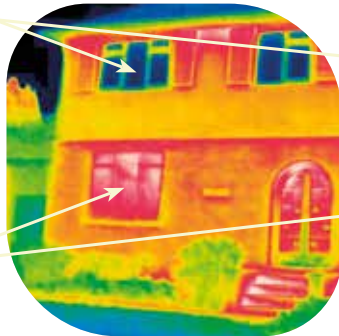
Stop eight times more heat escaping by simply upgrading your glass. It's this easy.

- The blue areas show minimal heat loss thanks to heat-retaining glass
- The red areas highlight the significant heat loss through existing glass



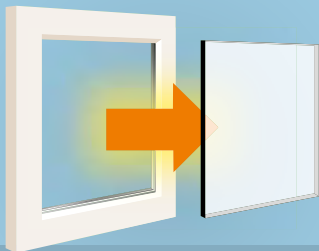
Upstairs windows using  
Pilkington **energiKare™**

Original single  
glazed downstairs  
windows



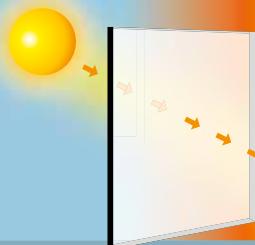
Your home could be reglazed in just one day with the minimum of fuss and upheaval.

①



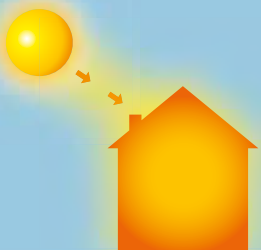
Your old glass is removed, leaving your frames intact.

②



The glass is replaced with high-performance, heat-retaining glass.

③



Your house is warmer plus there's no need to redecorate.

④



A warmer home, means reduced energy bills

## It only takes one day to make a big difference

Thousands of homeowners are already benefitting from energy-efficient glazing solutions. To find more information on Pilkington **energiKare™** and replacement glazing, visit [www.pilkington.co.uk/replacementglazing](http://www.pilkington.co.uk/replacementglazing)

## The Pilkington glass range offers solutions for every type of home

The choice of panes specified will depend on particular installation requirements, location and how you want your windows to perform. Answering some of the following questions could help you make the right choice.

*Do you live on a main road or in a busy environment?*

### **Try our solution for unwanted noise**

Pilkington **Optiphon™** is a high quality acoustic laminated glass, offering excellent noise reduction without compromising on light transmittance or impact performance. It's available in combination with other Pilkington glass ranges such as Pilkington **Activ™**.

*Are some of your windows difficult to get to for cleaning?*

### **Choose our Self-Cleaning Glass**

Pilkington **Activ™** is the world's first self-cleaning glass. Its unique dual-action uses the forces of nature to help keep the glass clear of organic dirt – and that means less cleaning for you. The glass will also dry faster, leaving the glass cleaner and

streak-free, making it the perfect choice for conservatory roofs and windows. The durable coating will last as long as the glass itself.

*Do you want to re-glaze a bathroom or enjoy more privacy?*

### **Try our Patterned and Textured Decorative Glass options**

Pilkington Texture Glass or Pilkington Oriel lets you add style and elegance to your home. Pilkington **Insulight™** glazing units can incorporate a range of options such as Georgians, leads and bevels to match existing windows or create a distinctive new look.

*Do you want more security?*

### **Laminated Glass is the solution**

Pilkington **Optilam™** offers optimum protection for your property. For safety, security or noise control, it remains intact and in place after accidental impact, and restricts access after deliberate impact. This glass can be used in domestic buildings like conservatories, as well as large commercial or public buildings.

*Do you want to reduce heat input?*

**High performance solar-control glass with self-cleaning properties is an option**

Pilkington **Activ SunShade™** combines dual action, self-cleaning properties with medium solar control performance and an aesthetically pleasing appearance to reduce the amount of direct sunlight penetrating a building.

*Do you want to prevent external condensation?*

**New Pilkington Anti-condensation Glass**

As the heat-retaining properties of your glazing improves, so does the chance of condensation forming on the outside pane of your windows, especially in Spring and Autumn. Designed to prevent external condensation, this glass can be used in combination with other products in our range to give you a clearer view all year round.

*Do you want to upgrade old traditional windows yet retain the original appearance?*

**Look no further, Pilkington Spacia™ provides the most advanced solution for an age-old problem**

The width of single glazing, the warmth of double glazing; our revolutionary Pilkington **Spacia™** vacuum glazing technology provides unrivalled thermal performance in an ultra-thin unit that fits seamlessly into older traditional properties. With this innovative unit you can retain the aesthetics by using the original frames.



**YOUR LOCAL SUPPLIER:**

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 illustration purposes only.**



CE marking confirms that a product complies with its relevant harmonised European Norm. The Declaration of Performance for each product, including declared values, can be found at [www.pilkington.com/CE](http://www.pilkington.com/CE)

**Pilkington United Kingdom Limited**

European Technical Centre, Hall Lane, Lathom, Nr Ormskirk, Lancashire L40 5UF.

Telephone 01744 692000 Fax 01744 692880

[pilkington@respond.uk.com](mailto:pilkington@respond.uk.com)

**[www.pilkington.co.uk](http://www.pilkington.co.uk)**