



Stop your money
going out of the window.

Why are energy efficient windows so important?

You'll probably know that the amount of energy we waste in our homes is directly linked to climate change. And you'll definitely know about the ever increasing cost of energy for heating your home. But did you know that the glass you use in your windows can help your home be more energy efficient?

By using Pilkington **energiKare™** in your windows you will:

- Improve the energy efficiency of your home.
- Save money on your heating bills.
- **Become more environmentally friendly!**



How will Pilkington **energiKare™** make my home more energy efficient?

By replacing single glazing with Pilkington **energiKare™** you can reduce the amount of energy lost through your windows by up to 90%. So, depending on the size of your house, upgrading to Pilkington **energiKare™** could save you enough energy to:

- Run 9 TVs for a whole year
- Drive over 1000km in an average sized car
- Make over 34,000 cups of tea and coffee

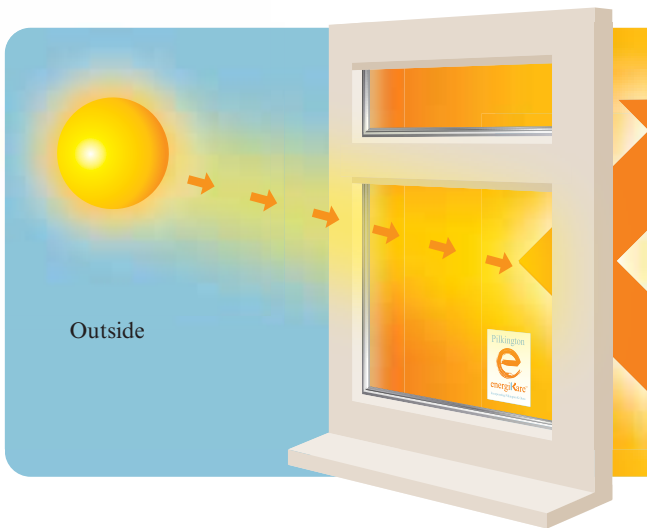
The amount of energy saved by changing your glazing is proportional to the area of windows in your house and the volume of the building. Illustrated savings are based on a new house with approximately 13m² of windows.

So how does Pilkington **energiKare**™ work?

Pilkington **energiKare**™ is different from standard double glazing as it works in two ways. It reduces the amount of heat lost through your windows and it also allows more heat (energy) from the sun in through the window. This effect is known as solar gain and as it comes from the sun it's free of charge and you'll feel its effects all year round. Pilkington **energiKare**™ is made up of two special types of glass, Pilkington **K Glass**™, the UK's best selling low emissivity glass which stops heat escaping and Pilkington **Optiwhite**™, a special 'extra clear' glass which allows more solar heat in through the windows. The use of argon gas filling or air filling with a warm edge spacer further improves the thermal performance, and your home benefits by feeling warmer without the need to turn up the heating.

The Pilkington **energiKare**™ family

As well as the original Pilkington **energiKare**™ Classic, the Pilkington **energiKare**™ range has now been extended to include Pilkington **energiKare**™ Plus, Pilkington **energiKare**™ Triple, and Pilkington **energiKare**™ Legacy, improving energy efficiency in a broader range of properties, including older traditional buildings.



The benefits of Pilkington **energiKare™**

- Improves the energy efficiency of your home.
- Reduces the amount of energy you use, saving you money.
- Is more effective than single or standard double glazing.
- Is the only product that offers you the reassurance of Pilkington quality.
- Pilkington **energiKare™** is suitable for use in UPVC, timber and metal windows.
- Manufactured to the highest British and European quality standards. You will receive a certificate after installation.

Cross section Pilkington **energiKare™** unit

Inside

Pilkington **energiKare™** Classic
with argon gas filling or warm
edge spacer bar

Pilkington **energiKare™** Plus
with argon gas filling
and warm edge spacer bar

Pilkington **Optiwhite™**
(outer pane)

Pilkington **K Glass™**
(inner pane)

Spacer bar



Energy Saving Recommended

Energy Saving Recommended is an Energy Saving Trust initiative backed by Government. So when you're choosing replacement windows, if you see the Energy Saving Recommended logo you can be sure that the window is particularly energy efficient. Windows eligible for the ESR scheme such as those containing Pilkington **energiKare™** can significantly reduce heat loss, increase the amount of solar gain and therefore reduce the amount of energy you use to heat your home. Pilkington **energiKare™** is also one of the energy saving products supported by British Gas.



Choose Pilkington **energiKare™** and save more than the environment

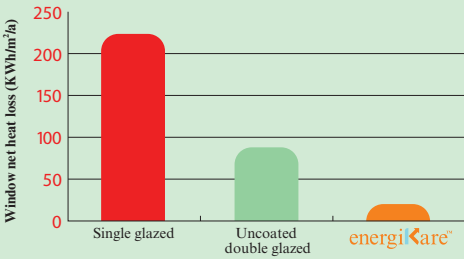
Because Pilkington **energiKare™** can help most windows gain a minimum C rating on the Window Energy Rating scheme (WER – see table overleaf), you can rest assured that you're doing your bit to make your carbon footprint a couple of sizes smaller (a reduction of over 100m³ of home CO₂ each year). You could also reduce your heating bills by over 20% every year. A typical semi-detached house, upgrading from single glazing could save over £10,000* over the lifetime of the windows. What's more, any home that is for sale now has to have an environmental rating and is sold with an Energy Performance Certificate. Using Pilkington **energiKare™** will contribute to this and could be a positive factor in selling your home.

Doesn't all double glazing save energy?

Of course all double glazing offers a degree of energy efficiency. And it's still much better than single glazing. However, Pilkington **energiKare™** is twice as energy efficient as standard modern double glazing. The Window Energy Rating scheme has been put in place to help make choosing windows easier. It's a similar system to that applied to washing machines, fridges, freezers and light bulbs and so on. Basically if a window is rated C or above it may apply to be part of the 'Energy Saving Recommended' scheme. Pilkington **energiKare™** can help most windows gain a minimum C rating.

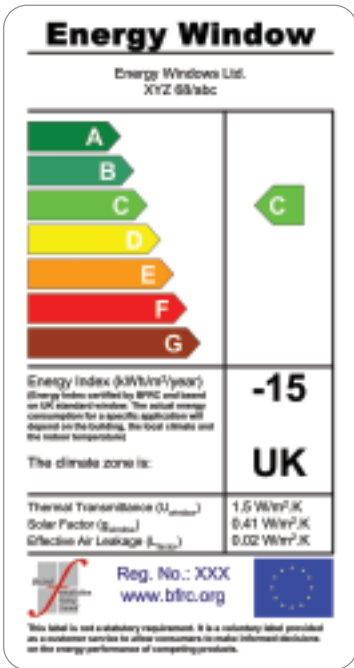
*Based on Pilkington's assumption of energy prices increasing by 10% per annum. Window lifetime assumed to be 20 years. Please visit www.pilkington.co.uk for more information.

With Pilkington **energiKare™** less heat escapes



Pilkington **energiKare™** in a C rated window makes a huge difference to the energy efficiency of windows.

Understanding Window Energy Ratings



A similar system is used to compare the energy efficiency of domestic appliances. The new Window Energy Rating system helps you choose windows which will reduce heating costs and environmental impact.

YOUR LOCAL SUPPLIER

To find out more about
Pilkington **energiKare™** visit
www.pilkington.co.uk or contact
your local supplier.

This publication gives a general description of the product and materials. It is the responsibility of the users to ensure that their use is appropriate for any particular application and that such application complies with all relevant local and national legislation, standards, codes of practice and other requirements.

Pilkington Group Limited and its subsidiaries hereby disclaim all liability howsoever arising from any error in or omission from this publication and all consequences of relying on it. Pilkington, energiKare, K Glass, Optiwhite and the 'e' device are trademarks of the Pilkington Group Limited.

**Please note that imagery featured throughout this brochure
is for illustration 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
NSG Group Flat Glass Business

Building Products - UK

Prescot Road St Helens England WA10 3TT

Telephone 01744 692000 Fax 01744 692880

www.pilkington.co.uk