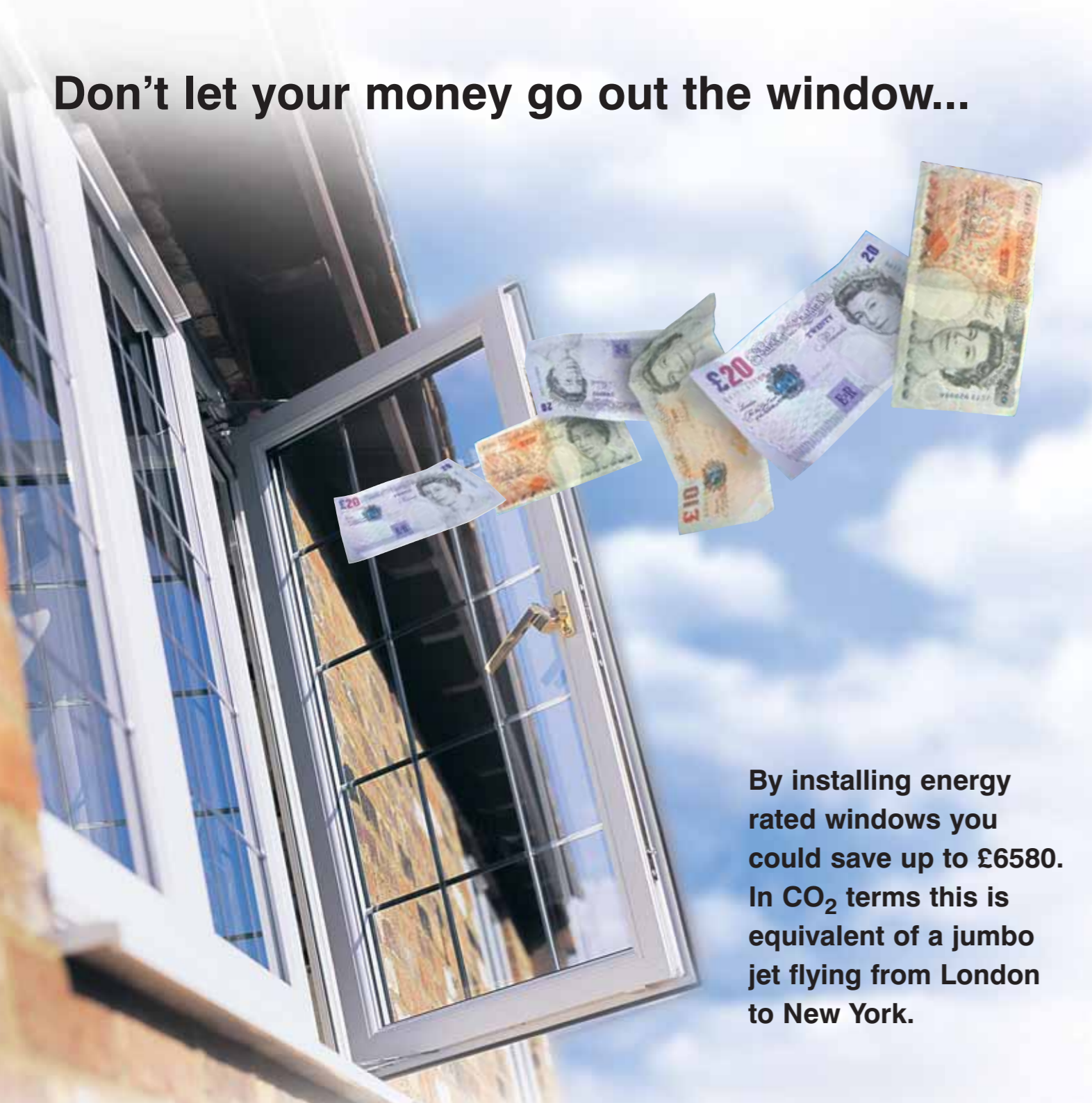


Don't let your money go out the window...



By installing energy rated windows you could save up to £6580. In CO₂ terms this is equivalent of a jumbo jet flying from London to New York.



Energy Window	
PVC U Casement Window Profile 22 FC System A rated	
A	A
B	
C	
D	
E	
F	
G	
Energy Index (kWh/m ² /year)	2
The climate zone is:	UK
Thermal Transmittance (U _{frame})	1.4 W/m ² ·K
Solar Factor (g _{sol})	0.45 W/m ² ·K
Effective Air Leakage (l/m ³ ·h)	0.00 W/m ² ·K
Reg. No: 707 www.bfrc.org	



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SIE8286

How can understanding Window Energy Ratings help you?



What are Window Energy Ratings?



Clear labelling

I'm sure you are familiar with the energy rating symbol that is used to rate the efficiency of your electrical items; well now similar ratings have been introduced for windows.

Introduced by the British Fenestration Rating Council (BFRC), the purpose of Window Energy Ratings (WERs) is to make it clear to you which products will offer you the best levels of energy efficiency. Windows can be rated from A to G with A being the most energy efficient.

Only windows rated A, B or C are considered best practice by the Energy Savings Trust, an independent, non profit making organisation with the aim of cutting CO₂ emissions by promoting the sustainable and efficient use of energy.

A simple choice

At a time when fuel bills are rocketing and there is increased pressure on us to lower our carbon foot print, WER's are becoming vital.

Our homes account for over a quarter of all CO₂ emissions and by installing energy rated windows you could save up to £6580 as well. In CO₂ terms this is equivalent of a jumbo jet flying from London to New York.



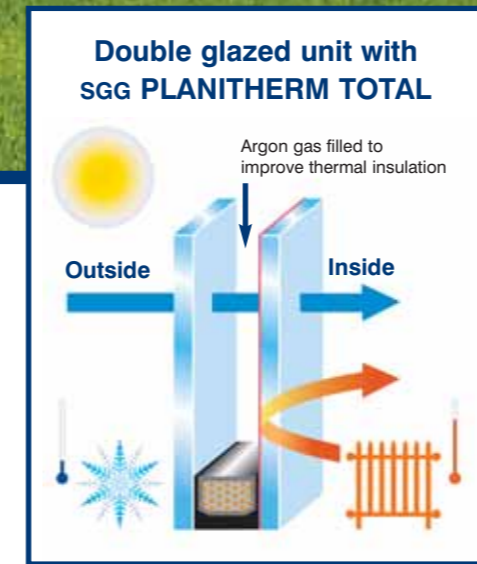
What is the difference?

Glass performance

The main factor contributing to energy performance is glass. To achieve the recommended energy ratings a certain specification of glass must be used.

The external pane needs to be clear glass with minimal impurities and tint hence allowing optimal amounts of the sun's energy to pass through the glass. On the internal pane Planitherm Total from St Gobain uses coated glass technology to reflect the heat back into the room rather than allowing it to escape. This offers up to three times more insulation than standard double glazing. The glass is then also filled with argon gas which is denser than air, hence making it harder for heat to escape.

We are one of few companies offering a choice of A, B and C rated windows



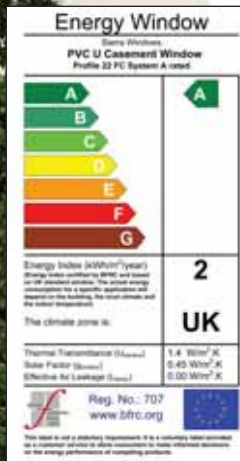
What are the benefits?

Save money and the environment

WER's offer substantial benefits for both your wallet and the environment. With potential cost savings of £6500 as well as saving 60 tonnes of CO₂ gases everyone's a winner.

All round benefits:

- PVC-U windows are 55% more efficient than 15 years ago
- You could save £6580 by installing A rated windows
- High performance windows reduce heat loss by more than 20%
- A rated windows can save 60 tonnes of CO₂ emissions over a 35 year period
- PVC-U is not only energy efficient but also a fully recyclable material
- High specification glass offers increased light
- Our windows offer the utmost in quality and style



C Combining the Sierra Windows frame with Planitherm Total Glass, **argon gas** and an **aluminium spacer bar** achieves a C rating.

B Using the same specification with **recycled composite material (RCM)** for reinforcement rather than steel and a **warm edge spacer bar** achieves a B rating.

A Adding extra clear glass **Diamant Glass** for the external pane as well as a **warm edge spacer bar** and **RCM** reinforcement achieves an A rating.

	Cost Saving Per House 35 Year Period <small>*at todays prices</small>	CO ₂ Saving Per House 35 Year Period
A	£6580.00	60 Tonnes
B	£6055.00	45 Tonnes
C	£5530.00	30 Tonnes
D	£5005.00	27 Tonnes
E	£3955.00	24 Tonnes

