

ENERGY RATED WINDOWS

Energy Window
Prior Products Ltd
Internally Glazed PVC U Casement
Classic Gold - A Rated

A	A
B	
C	
D	
E	
F	
G	

Energy Index (kWh/m²/year)
(Energy Index certified by BIFRC and based on UK standard window. The actual energy consumption for a specific application will depend on the building, the local climate and the indoor temperature)

The climate zone is:

0
UK

Thermal Transmittance (U_{trans}) 1.4 W/m².K
Solar Factor (g_{window}) 0.45
Effective Air Leakage (L_{aer}) 0.00 W/m².K

Reg. No.: 1914 M352
www.bifrc.org

This label is not a statutory requirement. It is a voluntary label provided as a customer service to allow consumers to make informed decisions on the energy performance of competing products.



Energy Window
Prior Products Ltd
Internally Glazed PVC U Casement Window
Classic Silver - C Rated

A	C
B	
C	
D	
E	
F	
G	

Energy Index (kWh/m²/year)
(Energy Index certified by BIFRC and based on UK standard window. The actual energy consumption for a specific application will depend on the building, the local climate and the indoor temperature)

The climate zone is:

-19
UK

Thermal Transmittance (U_{trans}) 1.6 W/m².K
Solar Factor (g_{window}) 0.41
Effective Air Leakage (L_{aer}) 0.00 W/m².K

Reg. No.: 1916 M352
www.bifrc.org

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PRIOR PRODUCTS LIMITED

www.priorproducts.co.uk

BFRC Window Energy Rating Scheme

What exactly is the BFRC?

BFRC (British Fenestration Rating Council) is a wholly owned subsidiary of the glazing industry's trade association, the Glass and Glazing Federation. Its ratings scheme for Energy Efficient Windows is a voluntary scheme that uses energy labels specifically produced for windows that are similar to the energy labels seen on most household appliances.

It sets extremely stringent standards for windows to be rated.

The BFRC Scheme is the UK's national system for rating the energy efficiency of windows and is recognised within the Building Regulations as a method to show compliance for your replacement windows installation. For more information visit the website at www.bfrc.org.

Why should I buy Energy Efficient Windows?

With carbon emissions high on the global agenda and the current high cost of fuel, we are all looking for ways to make our homes more energy efficient.

If your home is single glazed or your double-glazing was installed prior to April 2002 then you could be losing more heat than necessary, and therefore money, literally out of the window. However, by switching to Energy Efficient Windows you can save energy and reduce your household bills by as much as £461 per year.

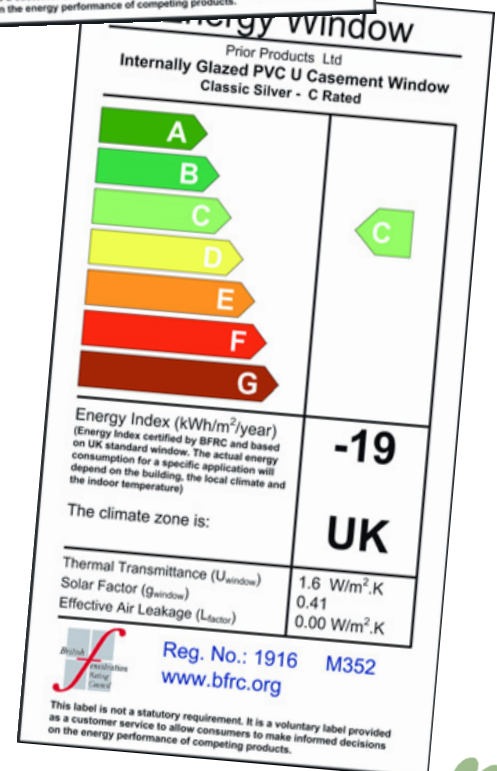
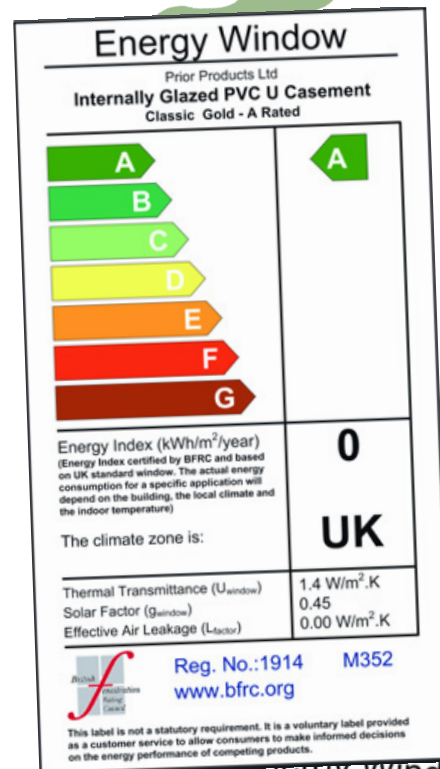
How can I tell if the windows I am going to buy are energy rated?

- Look for the BFRC label, each window rated by the BFRC has a unique label.
- Check that the label has the supplier's name on it. If it doesn't, they do not hold a BFRC licence.
- This label will display the following information:

1. The rating level – A, B, C, etc...
2. The energy rating eg. $-3\text{kWh}/(\text{m}^2\cdot\text{K})$ in this example the product will lose 3 kilowatt hours per square metre per year.
3. The window U value eg. $1.4\text{W}/(\text{m}^2\cdot\text{K})$
4. The effective heat loss due to air penetration as L eg. $0.01\text{W}/(\text{m}^2\cdot\text{K})$
5. The solar heat gain - eg. $g=0.43$

Simply put this will determine how well a product will perform the functions of:

Helping you contain and conserve heat within your building in the winter, keep out the wind, resist condensation and contribute to improved sound insulation.



How Do Prior Products Achieve Such High Energy Rating Standards?

Window Frames

The design of our thermally efficient Rehau profile, coupled with co-extruded corded TPE weather seals and the latest technology locking systems helps to keep your home warmer and draught free. This means that when installed in conjunction with new generation glass units, we are able to meet the highest standards demanded by BFRC.

Glass Sealed Units

Our standard sealed units incorporate Planitherm Total 1.1 glass. The Planitherm low E coating will give up to three times more insulation than standard double glazing and significantly better insulation than other low E products. Not only does this mean lower energy bills (hence lower CO2 emissions), but it also eliminates cold areas around windows and will reduce condensation on the inner pane. As Planitherm Total is remarkably neutral in both transmission and reflection as opposed to other low E products, the glass is incredibly clear and so white curtains still appear white when viewed from outside. The sealed units are also filled with inert argon gas to further improve the insulation characteristics. This enables us to offer a C rated window as standard.

For even better performance you can upgrade to an A rated window. This has all the features as outlined above. In addition, one of the panes is made of low iron diamante glass to further increase the light transmittance properties for even clearer glass. Our A rated window sealed units also incorporate warm edge spacer bars for improved thermal efficiency.



Quality Management System

Not only do we have to convince BFRC of the quality of our product in order to achieve the Window Energy Rating standards, we also have to prove the quality of our systems, from the way our salesmen take an order, through our factory procedures, to delivery to our customers. Therefore you can be sure that by dealing with Prior Products, you are dealing with a professional, honourable company.

**Other Low E
Products**

**PLANITHERM
TOTAL 1.1**

The choice is Clear



About Us

Here at Prior Products, we pride ourselves on the fact that we are a family run and owned business who like to maintain old-fashioned values whilst offering you the most up-to-date products.

We have been established since 1988 and are still going from strength to strength. Your windows, doors and conservatories are manufactured at our custom built unit based just outside of Stratford upon Avon, and installed by our own fully trained installers.

We are happy for you to visit our factory to see exactly why a Prior Products window, door or conservatory is clearly better on quality, price and service.



Contact us

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