

So how could *Consort fs* improve on its already outstanding performance, strength and design? By producing one of the most energy efficient casement windows available today.

## The Benefits

- Window Energy Rating allows consumers to easily compare the energy efficiency of competing products.
- The EU energy label provides consumers with a recognisable label that they understand.
- 'Energy saving recommended' independently accredits the most efficient products in the market.
- The energy saving recommended logo allows installers and consumer to easily identify which are the most energy efficient windows.
- Customers can be assured that whenever they purchase a product with the energy saving recommended logo, that they will not only save money on their energy bills, but help cut CO<sup>2</sup> emissions, one of the greenhouse gases which contribute to climate change.

Having been assessed according to strict guidelines and passing the rigorous energy efficiency approval process, managed by the BFRC and authorised by the government backed Energy Saving Trust, *Consort fs* achieved the ultimate 'A' rating, far exceeding the minimum requirement and leaving the competition in the shade. All *Consort fs* Energy Rated Windows will now proudly carry both the 'BFRC Window Energy' and 'Energy Saving Recommended' labelling as proof of reaching this incredibly high standard.



Certification mark

## Calculating the Rating

The Window Energy Rating assesses the whole window energy performance and covers the frame material, glass and all other components that make up the window. Using computer simulation to European standards, climate data and building models to produce a value which is then placed into a band on an A-G scale making it easy to compare the thermal and energy performance of the whole window simply and quickly.

## The A-G Scale

Windows rated using the familiar A-G scale, make them consistent with other products which have energy performance labels, such as washing machines, light bulbs and fridges. For example, an A-rated *Consort fs* casement window is more energy efficient than a G-rated window, and meaningful comparisons can be made with other products.

## Energy Window

Consort Ltd

**Veka Matrix FS70 PVC U Casement Window**

Consort Veka FS70 A Rated

Energy Index (kWh/m <sup>2</sup> /year) <small>(Energy Index certified by BFRC 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)</small>	<b>0</b>
The climate zone is:	<b>UK</b>
Thermal Transmittance (U <sub>window</sub> ) Solar Factor (g <sub>window</sub> ) Effective Air Leakage (L <sub>factor</sub> )	1.4 W/m <sup>2</sup> .K 0.45 0.00 W/m <sup>2</sup> .K



Reg. No.: 2357

M033

[www.bfrc.org](http://www.bfrc.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.

*Any colour window  
so long as it's green.*



**Consort** *fs* @

**WINDOW  
STORE**

*Rated one of the most energy efficient windows on the planet*

Innovation in an ever changing world is what makes the **Consort** *fs* integrated system a market leader. Increased growth in consumer interest surrounding climate change and the carbon footprint, coupled with large increases in home energy costs, is focusing a great deal of attention onto more energy efficient products. The replacement window market is no exception and has an important part to play in Government determination to meet its commitment in reducing CO<sup>2</sup> emissions by saving energy.