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Government, consumers and specifiers are focusing more and more on the energy efficiency of building products, windows being one of the prime components of interest. The BFRC Energy Rating for Windows method provides a universally recognised method to determine the thermal performance of the window.

We have always had an interest in energy conservation and we are always looking to find ways to improve the efficiency of our window. To date the main method to determine the energy efficiency of a window was to measure its U-Value. **Eurosash** has been using low U-Value double glazing (1.1m/m²k) since 2005, leaving an overall frame U-Value of 1.5m/m²k.

In order to achieve a reasonable Window Energy Rating, the configuration of the window had to be changed. To achieve a class 'C' Energy rated window, the double glazing had to be upgraded to the following specification:-

- Low U-Value 1.1m/m²k inner pane.
- 90% Argon gas filled double glazing.
- Low iron content glass with very high light transmission outer pane.
- A suitable warm edge spacer bar.

Using the above configuration **eurosash** has been tested and achieved a class 'C' energy rating, certificate is pending.