

News item 20th Apr 2009

The air leakage test results we received back from Wintech Laboratories are very good and the new **eurosash** sealing system has drastically reduced any draughts in our sliding sash.

One part of the energy ratings calculations is the value of heat lost due to the air leakage, at present the window has a value of **0.13W/(m².k)**. With the new sealing system fitted to our window, we have **reduced the heat lost through air leakage** and our window now achieves a value of **0.01 W/(m².k) (over 10 times better)**.

Under the Window Energy rating scheme, the air leakage results used are that when the window is under 50 Pascal's of pressure. The results show that we have reduced the air leakage (at 50 Pascal's) to 0.25 cubic metres of air every hour. The window now also performs really well under much higher pressure and we had it tested up to 600 Pascal's.

The air leakage values are fully certified and the report is available to see in the downloads section.

As the seals are obviously so advantageous, they are now fitted in every window free of charge.

With the new air leakage results, we are getting new energy rating simulations done to see how we can improve our energy rated products.