

Certificate of Compliance



Vertical Slider

This is to certify that windows manufactured from the above window system will comply with the 1.6 W/(m².K) maximum whole window U value requirement, for existing dwellings, as specified within Approved Document L1B of the Building Regulations for England and Wales (conservation of Fuel & Power) & the Scottish Technical Handbook 2010 Section 6 (Energy) implemented on 1st October 2010 when glazed with IGU's as specified below.

<u>Window Specification</u>	<u>Centre Pane U Value</u>
Fully Reinforced windows with metal spacer bar ($\psi = 0.06$)	1.1 W/(m ² .K)
Standard Reinforced windows with metal spacer bar ($\psi = 0.06$)	1.2 W/(m ² .K)
Fully Reinforced windows with warm edge spacer bar ($\psi = 0.04$)	1.3 W/(m ² .K)
Standard Reinforced windows with warm edge spacer bar ($\psi = 0.04$)	1.4 W/(m ² .K)

Centre pane U value specified above is the maximum required U value of the IGU to meet the minimum requirement of the standards. This is based on simulations conforming to BS EN ISO 10077-1 & BS EN ISO 10077-2 by BFRC certified simulators and is based on worst case conditions for the sample size in accordance with BS EN 14351-1 of 1230mm wide x 1480mm high fixed light next to opening light. ψ has been taken as 0.06 from BS EN ISO 10077-1 for metal spacers & 0.04 from calculation, in accordance with BS EN ISO 10077-2, for warm edge spacers.