



***British Woodworking Federation
U-value Calculation Certificate***

This is to certify that

MH JOINERY PRODUCTS PLC

Of

**Unit 11 Parrett Way, Colley Lane Industrial Estate,
Bridgwater, Somerset, TA6 5LD**

Has achieved a thermal transmittance U-value of

1.6 W/m²K

For a

Br 443 Model Casement Window - Woburn

*In accordance with calculations carried out on the ECWINS Software Tool, in
compliance with BS EN ISO 10077-1:2006.*

Using the following criteria:

Timber Density (kg/m³) >500

Frame thickness d₁ (mm): 92 Casement thickness d₂ (mm): 57

Thermal transmittance of glazing (W/m²K): 1.2

Double Glazing

Cavity Size (mm): 14, 16, 20

Gas Filling: Argon

Low Emissivity coat: 0.05 x 1

Linear thermal transmittance of spacer (W/mK): Warm edge 0.04

Certificate Number

ECWINS-BWF-060954-1

*This U-value is not suitable to be used in energy ratings calculations or U-value
simulations according to BS EN ISO 10077-2. This certificate remains the property
of BWF and shall be returned upon request.*

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