



**B R I T I S H
W O O D W O R K I N G
F E D E R A T I O N**

U-value Calculation Certificate

This is to certify that

MH JOINERY PRODUCTS PLC

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

has achieved a thermal transmittance U-value of:

1.4 W/m²K

for: **Type 4 Fully Glazed Softwood Door**

In accordance with calculations carried out on the BBA Software Tool, in compliance with BS EN ISO 10077-1:2006 using the following criteria:

Timber density:	510 kg/m ³
Frame thickness, d ₁ :	92 mm
Door leaf thickness, d ₂ :	57 mm
Composite panel nominal thickness:	N/A mm
Frame material:	Softwood
Thermal conductivity value:	0.13 W/mK
Insulation details:	N/A, N/A mm thickness, N/A W/mK
Thermal transmittance of glazing:	1.3 W/m ² K
Cavity size: 12 mm	Gas filling: Argon
Low Emissivity coat: 0.05 x 1	
Type and linear thermal transmittance of spacer: Warm edge 0.032 W/mK	

Certificate Number: **BBA-BWF-060954-16**

Notified Body Name and Number: **British Board of Agrément NB 0836**

Date of issue: **May 2014**

The doorset dimensions are based on the test specimen size in accordance with BS EN 14351-1:2006+A1:2010 Table E.2. 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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