



**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

K & D JOINERY LTD

Joinery House, 69 Chequers Lane, Dagenham
London RM9 6QJ

has achieved a thermal transmittance U-value of:

1.8 W/m²K

for: **Type 3 - Fully Glazed Hardwood 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:	>500 kg/m ³
Frame thickness, d ₁ :	95 mm
Door leaf thickness, d ₂ :	54 mm
Composite panel nominal thickness:	N/A mm
Frame material:	N/A
Thermal conductivity value:	0.18 W/mK
Insulation details:	N/A, N/A mm thickness, N/A W/mK
Thermal transmittance of glazing:	1.2 W/m ² K
Cavity size: 16 mm	Gas filling: Argon
Low Emissivity coat: 0.05 x 1	
Type and linear thermal transmittance of spacer: Warm edge 0.06 W/mK	

Certificate Number: BBA-BWF-061203-6

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

Date of issue: August 2013

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.

The Building Centre, 26 Store Street, London WC1E 7BT
Tel: 0844 209 2610 • Fax 0844 209 2611
e-mail: bwf@bwf.org.uk • web: www.bwf.org.uk