



**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

RJR

of

**153 Windermere Way, Stourport-on-Severn,
Worcestershire DY13 8QH**

has achieved a thermal transmittance U-value of:

1.4 W/m²K

for: **Type 2 Partially Glazed Hardwood Door with Insulated Panels**

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:	640 kg/m ³
Frame thickness, d ₁ :	93 mm
Door leaf thickness, d ₂ :	57 mm
Composite panel nominal thickness:	57 mm
Frame material:	Hardwood
Thermal conductivity value:	0.16 W/mK
Insulation details:	Celotex, 12 mm thickness, 0.022 W/mK
Thermal transmittance of glazing:	1.0 W/m ² K
Cavity size: 16 mm Gas filling: Argon Low Emissivity coat:	0.01 x 1
Type and linear thermal transmittance of spacer:	Warm edge 0.027 W/mK

Certificate Number: **061804-3**

Notified Body Name and Number: **N/A**

Date of issue: **January 2016**

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