



**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

LOMAX + WOOD LTD

of

**North Barn, Thaby Lane,
Mountnessing, Essex CM15 0SY**

has achieved a thermal transmittance U-value of:

1.4 W/m²K

for: **Type 1 Kensington and Chelsea Entrance Doorset**

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 :	94 mm
Door leaf thickness, d ₂ :	60 mm
Composite panel nominal thickness:	46 mm
Frame material:	Softwood
Thermal conductivity value:	0.13 W/mK
Insulation details:	Jackodu, 15 mm thickness, 0.034 W/mK
Thermal transmittance of glazing:	N/A W/m ² K
Cavity size: N/A mm Gas filling: N/A Low Emissivity coat: N/A	
Type and linear thermal transmittance of spacer:	N/A N/A W/mK

Certificate Number: **061534-9**

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

Date of issue: **July 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.

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