

## **CERTIFICATE of DOCUMENT 'L' COMPLIANCE FOR DOORS**

All Cambrian door products are manufactured and supplied to meet the latest Document L requirements, due to there currently being no BFRC (British Fenestration Rating Council) method of calculation, the 'U' value method of measure has been incorporated. The Duraflex Diamond Suite door systems (65/70mm) have been thermally simulated\* in accordance with BSENISO 10077-2: 2003 and the following specifications using large outerframe achieve 'U' values of 1.8 W/m<sup>2</sup>K or better.

### **1. Single Residential Door (Fully Glazed)**

*Float / Any warm edge spacer / 90% Argon / 'K'*

### **2. Single Residential Door, Full Panel**

*Any Panel\*\* with U value of 1.4*

### **3. Single Residential Door, Mid-Rail**

*Half Panel as above spec 2. (above), Glass as per 1 above*

### **4. Double (French) Door (Fully Glazed)**

*Float / Any warm edge spacer / 90% Argon / 'K'*

### **5. Patio Door (Fully Glazed)**

*Float / Any warm edge spacer / 90% Argon / 'K'*

### **6. Bi-Fold Door (Fully Glazed)**

*Float / Any warm edge spacer / 90% Argon / 'K'*

### **7. Composite Doors (all styles)**

*All our doors meet or exceed a 'U' value of 1.8*

*Single door options based on o/a size 1000 x 2000. Double, Patio and Bi-Fold Door options based on 2000 x 2000, all as per BFRC spreadsheets and all based on fully reinforced (worst case scenario)*

\* *BFRC Excel simulation spreadsheets*

\*\* *Panel fitted with 9mm MDF reinforced core*

\*\*\* *Aluminium spacer can be used on door styles 4, 5 and 6.*

\*\*\*\* *Sealed units of an equal or better proven U value performance can be substituted*

\*\*\*\*\* *All doors need to be safety glass and SBD specifically specify laminated glass in doors*