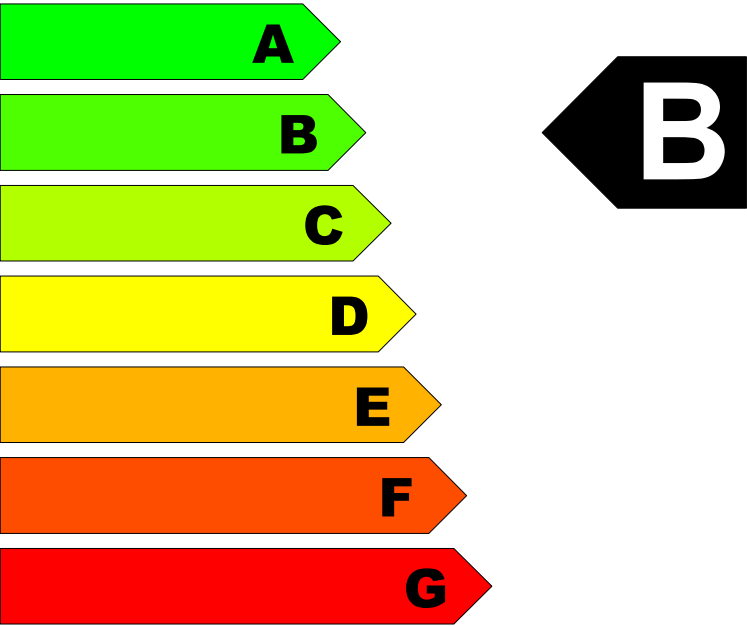


DSER: Doorset Energy Performance Certificate

DSER Doorset Energy Rating - In accordance with Approved Document L



Company

Swadlincote
Windows Company
Ltd.

Date

13 Nov 2025

BFRC System

SC010

BFRC Manufacturer

M1107

BFRC Simplified Energy Licence

SEL D2155

DSER:

Doorset Energy Rating:
196.74((1-f)xgglass) - 68.5 x (U + (0.0165 xAL))

-5.5 kWhr/m²/Year

Thermal Transmittance:

DSER U Value of Doorset calculated using the methods and conventions set out in BR443 Whole Doorset U Value with frame, glazing and glass spacer bar combined.
Standard Doorset configuration set out in BR443/GGF 2.3
U Doorset: 0.596+0.900+0.091

1.588 W/m²K

Frame:

Supplier: Smart Architectual Aluminium
System: Visofold 1000F
Outer Frame: DV17F (2.683)
Threshold: DV176 (2.906)
Sash: DV220FF (1.751)
Heat Transfer: Uf 2.388 W/m²K x (25.0% Frame)

0.596 W/m²K

Glazing:

Supplier: Saint Gobain
Specification: 4/20/4 Planiclear + Planitherm Total+ Argon Filled Black Warm Edge
Centre Pane, g Value: 1.20 W/m²K, 0.71
Heat Transfer: CP 1.20 W/m²K x (75.0% Glass)

0.900 W/m²K

Spacer:

Supplier: Thermoseal
Spacer Bar: Thermobar
Heat Transfer: Psi 0.031 W/mK x (2.941m/m²)

0.091 W/m²K

U Value:

Doorset U Value:
Calculation to Document L 2021 2.00m(±25%)x2.18m(±25%)

1.6 W/m²K