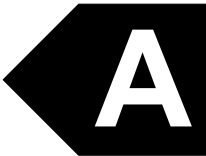
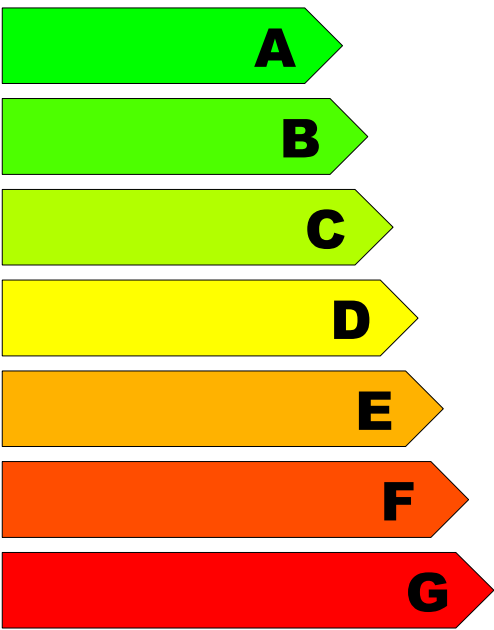


DSER: Doorset Energy Performance Certificate

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: $196.74((1-f) \times g_{\text{glass}}) - 68.5 \times (U + (0.0165 \times A_L))$	1.3 kWh/m ² /Year
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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+0.600+0.076		1.273 W/m ² K
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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/m ² K x (25.0% Frame)		0.596 W/m ² K

Glazing:	Supplier: SaintGobain		
	Specification: 4/12/4/12/4 Planiclear Int + Planitherm Ctr + Planitherm Int + Argon Fi		
	Centre Pane, g Value: 0.80 W/m ² K, 0.61		
	Heat Transfer: CP 0.80 W/m ² K x (75.0% Glass)		0.600 W/m ² K

Spacer:	Supplier: Thermoseal		
	Spacer Bar: Thermobar		
	Heat Transfer: Psi 0.026 W/mK x (2.941m/m ²)		0.076 W/m ² K

U Value:	Doorset U Value: Calculation to Document L 2021 2.00m(±25%)x2.18m(±25%)	1.2 W/m ² K
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