

U Value: Certificate

Window U Value - In accordance with Approved Document L 2013

Company

Slide and Fold Limited

Project

Date

30 Jul 2015

U Value

1.6 W/m²K

WER:	Window Energy Rating: 196.7((1-f)xglass) - 68.5 x (U + (0.0165 xAL))	-43.0 kWh/m²/Year
-------------	---	-------------------------------------

Thermal Transmittance:	WER U Value of window calculated using the methods and conventions set out in BR 443 Whole window U Value with frame, glazing and glass spacer bar combined. Standard window configuration set out in BR 443. U Window: 0.573+0.894+0.165	1.6 W/m²K
-------------------------------	--	-----------------------------

Frame:	Supplier: Smart Architectual Aluminium System: Alitherm 300 Outer Frame: ETC313 Vent Frame: ETC328 Transom Mullion: ETC333 Heat Transfer: 3.055 W/m ² K x (18.8% Frame)	0.573 W/m²K
---------------	---	-------------------------------

Glazing:	Supplier: Saint Gobain Specification: 4 Float/20/4 Seasons WE ARG Centre Pane, g Value: 1.10 W/m ² K, 0.43 Heat Transfer: 1.10 W/m ² K x (81.2% Glass)	0.894 W/m²K
-----------------	---	-------------------------------

Spacer:	Supplier: Edgetech Spacer Bar: Super-Spacer-Triseal Heat Transfer: 0.039 W/mK x (4.220m/m ²)	0.165 W/m²K
----------------	--	-------------------------------

U Value:	Window U Value: Calculation to BS EN14351-1	1.6 W/m²K
-----------------	--	-----------------------------