

# Sunflex UK SF75eco Folding Sliding Doors

## U-Value Calculation

number of panels	3	
Division	3 panel left	
Number of SP	0	without closing - SP
Width	2.7	mtr.
Height	2.1	mtr.
U-Value of Glass	0.7	U m <sup>2</sup> /W

*Remember to write dimensions in Meters*

ie 2400mm = 2.4

Panel width 853.0 ca.

Panel height 1988.0 ca.

Element area

	Description	width / view	length	Surface	quantity	Total surface	U-value of detail	total	drawing detail
1	Hinged Jamb	0.097	1.882	0.1826	1	0.1826	1.77	0.322	SF75-105
2	Opening Jamb	0.131	1.882	0.2465	1	0.2465	1.93	0.477	SF75-102
3	Opening Jamb with SP	0.175	1.882	0.3294	0	0.0000	1.90	0.000	SF75-118
4	Closing section	0.149	1.882	0.2804	0	0.0000	1.91	0.000	SF75-108
5	closing section with SP	0.193	1.882	0.3632	0	0.0000	1.87	0.000	SF75-116
6	closing section with 2xSP	0.235	1.882	0.4423	0	0.0000	1.85	0.000	SF75-119
7	Top section	0.109	2.700	0.2943	1	0.2943	1.87	0.549	SF75-002
8	Bottom section	0.109	2.700	0.2943	1	0.2943	1.86	0.548	SF75-001
9	panel situation with SP	0.159	1.908	0.3034	0	0.0000	1.80	0.000	SF75-110
10	panel situation standard	0.115	1.908	0.2194	2	0.4388	1.74	0.763	SF75-103

SP = Sliding-Post

A1=	1.456536	B1=	2.659
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U<sub>f</sub> = 1.8255

glass area (visible)

number of panels	width	height	Surface	U <sub>g</sub> -value	per unit	total
3	0.747	1.8816	1.4046144	0.7	0.9832301	2.94969024

A2=	4.2138432	B2=	2.94969024
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analysis

A1+A2=	5.670	B1+B2=	5.60861	B/A=	0.99	U m <sup>2</sup> /W
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