

	Item:	1
	Type:	1
	Description:	SUCCESSIVE IN F&S RAIL
	Quantity:	1
	Size:	2500.0 x 2725.0
	Profile serie:	8000 - CLIPS
	External colour:	
	Internal colour:	
	Glazing:	30MM
	Panels:	

Thermal transmittance calculation made using the following equation conforming to the standard
UNI BS ISO 10077-1

$$U_w = \frac{A_g U_g + A_p U_p + A_f U_f + L_g \Psi_g + L_p \Psi_p}{A_g + A_p + A_f}$$

A_g	is the glass area expressed in m ²	5.9466
U_g	is the glass thermal transmittance expressed in W/m ² K	1.00
A_p	is the panel area expressed in m ²	0.0000
U_p	is the panel thermal transmittance expressed in W/m ² K	0.00
A_f	is the profile area expressed in m ²	0.8659
U_f	is the profile thermal transmittance expressed in W/m ² K	3.84
L_g	is the full perimeter of the glass expressed in m	14.8942
Ψ_g	is the glass linear thermal transmittance expressed in W/mK	0.036
L_p	is the full perimeter of the panel expressed in m	0.0000
Ψ_p	is the panel linear thermal transmittance expressed in W/mK	0.00

The calculated value is: $U_w = 1.4 \text{ W/m}^2\text{K}$

Profiles thermal transmittance list by section

Uf	Profiles sequence
2.70	8000\TH80109A
2.70	8000\TH80109B
13.00	8000\TV80402A - 8000\TV80403A
3.30	8000\TH80109A - 8000\TV80502 - 8000\TH8040A
3.30	8000\TH80109B - 8000\TV80502 - 8000\TH8040A