

**Engineering progress
Enhancing lives**

SLINOVA®

Technical information
Thermal performance data



01 U values SLINOVA®

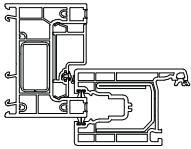
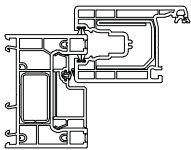
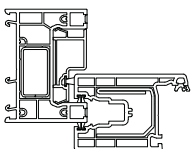
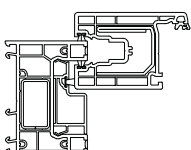
As part of the "Technical data", the relevant U_f values are assigned to the profile combinations SLINOVA® depending on the profiles and the reinforcements used.

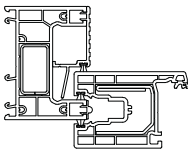
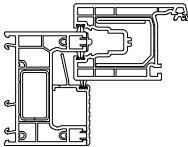
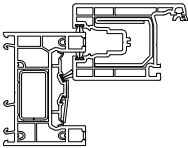
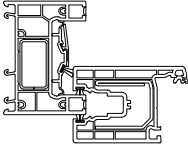
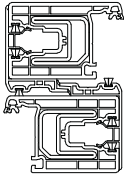
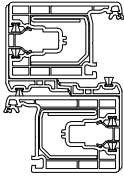
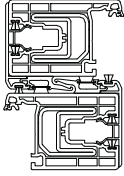
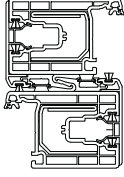
The depicted U_f values were calculated with a glass thickness equivalent of 28 mm.

Thermal performance of SLINOVA sliding door is calculated in order with BS EN ISO 10077-1 and BS EN ISO 10077-2

	Target U_w (W/m²K)	ψ (W/mK)	Glass unit U_g (W/m²K)
SLINOVA scheme A (XO) Active outside	1.2	0.025	1.0
	1.4	0.025	1.2
SLINOVA scheme A (XO) Active inside	1.2	0.025	1.0
	1.4	0.025	1.2

U_f values for SLINOVA® profile combinations

Item	Profile combinations	Profiles + reinforcements	U_f in W/(m²K)
1		Frame - Art. 575602 Reinforcement 35 x 20 x 1.5mm - Art. 357836 Cover profile - Art. 575626 Sash - Art. 575305 Reinforcement 34.5 x 40.8 x 2mm - Art. 357832	1.8
2		Frame - Art. 575602 Reinforcement 35 x 20 x 1.5mm - Art. 357836 Cover profile - Art. 575626 Sash - Art. 575305 Reinforcement 34.5 x 40.8 x 2mm - Art. 357832	1.8
3		Frame - Art. 575602 Reinforcement 35 x 20 x 1.5mm - Art. 357836 Cover profile - Art. 575626 Sash - Art. 575305 Reinforcement 34.5 x 40.8 x 2mm - Art. 357832	1.8
4		Frame - Art. 575602 Reinforcement 35 x 20 x 1.5mm - Art. 357836 Cover profile - Art. 575626 Sash - Art. 575305 Reinforcement 34.5 x 40.8 x 2mm - Art. 357832	1.7

Item	Profile combinations	Profiles + reinforcements	U_f in W/(m²K)
5		Frame - Art. 575602 Reinforcement 35 x 20 x 1.5mm - Art. 357836 Treadplate - Art. 368136 Sash - Art. 575305 Reinforcement 34.5 x 40.8 x 2mm - Art. 357832	2.0
6		Frame - Art. 575602 Reinforcement 35 x 20 x 1.5mm - Art. 357836 Treadplate - Art. 368136 Sash - Art. 575305 Reinforcement 34.5 x 40.8 x 2mm - Art. 357832	1.9
7		Frame - Art. 575602 Reinforcement 35 x 20 x 1.5mm - Art. 357836 Thermal profile - Art. 575622 + Finishing trim - Art. 362276 Sash - Art. 575305 Reinforcement 34.5 x 40.8 x 2mm - Art. 357832	1.8
8		Frame - Art. 575602 Reinforcement 35 x 20 x 1.5mm - Art. 357836 Thermal profile - Art. 575622 + Finishing trim - Art. 362276 Sash - Art. 575305 Reinforcement 34.5 x 40.8 x 2mm - Art. 357832	1.8
9		Sash - Art. 575305 Reinforcement 34.5 x 40.8 x 2.5mm - Art. 357833 Interlock - Art. 575506	1.7
10		Sash - Art. 575305 Reinforcement 34.5 x 40.8 x 2mm - Art. 357832 Interlock - Art. 575506	1.7
11		Sash - Art. 575305 Reinforcement 34.5 x 40.8 x 2.5mm - Art. 357833 PAS24 Kit - Art. 373707	2.1
12		Sash - Art. 575305 Reinforcement 34.5 x 40.8 x 2mm - Art. 357832 PAS24 Kit - Art. 373707	2.0

