GEALAN
INNOVATION MIT SYSTEM

System GEALAN-SMOOVIO®
Profile combination 5860/5862



with triple glazing (U_g=0.5 W/(m²K))

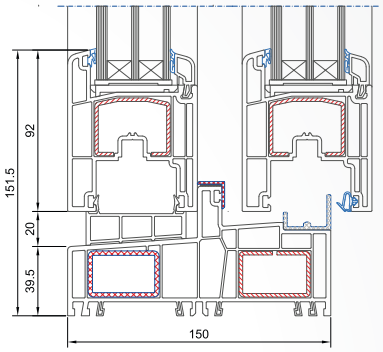
0.81

U_w values in W/(m²K)

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Criteria		
System	GEALAN-SMOOVIO®	
Available surfaces	Decorative foil, white	
Fittings holder	Eurogroove	
	Frame	**Sash**
Art.No.	5860	5862
Overlap height		20 mm
Number of chambers	7	4
Profile height	74 mm	92 mm
Profile installation depth	150 mm	74 mm
Total visible width	151.5 mm/ 99.5 mm (Design)	
Max. glass thickness	48 mm	



Insulation value		
U_w value	0.81 W/(m²K) *	* The U_w values are calculated on the basis of the element size W 2.00 m x H 2.18 m, U_g = 0.5 W/(m²K), Psi value (Ψ) 0.030 W/(mK).
U_f value	1.3 - 1.7 W/(m²K) **	** Determined by the selected combination of profile and steel stiffening.
Tested performance values		
Driving rain tightness test	according to DIN EN 12208 up to class 9A	
Air permeability test	according to DIN EN 12207 up to class 4	
Wind load test	according to DIN EN 12210 up to at least class C1/B2	
Impact resistance test	Audit still open	
Sound insulation	33 dB to 43 dB	Tested with Scheme A standard and various glass combinations.
Burglary resistance		
		Tested with Scheme A standard and various glass combinations.
Tested performance values	Can be equipped up to RC 2	

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