



swisspacer | ultimate pro

Swisspacer Ultimate Pro

The proven
Swiss warm edge
with extra “flex”

Engineered in Switzerland

swisspacer
SAINT-GOBAIN

the edge
of tomorrow


SAINT-GOBAIN

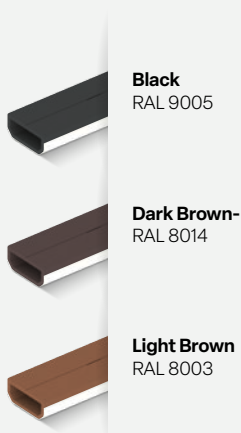
With its outstanding thermal performance, the Swisspacer Ultimate Pro spacer bar is one of the best warm edge products on the market. The optimally coordinated design of material, geometry, perforation and film also delivers maximum certainty about the functionality of the insulating glass units, in particular as regards the lifespan. These advantages make Swisspacer Ultimate Pro the first choice, especially for large-format insulating glass units.

Thanks to the sophisticated material composition of ABS and glass fibres, Swisspacer Ultimate Pro has a high degree of elasticity with special advantages for processing – and at the same time ensures the required stability for the spacer bar frame. Ultimate Pro can be processed particularly efficiently, the stable, robust frame also easily withstands dynamic loads, e.g. during internal transport. This also enables the further optimisation of cycle times and minimises waste in the production process.

The proven properties of the original Swisspacer warm edge can obviously be relied on:

Swisspacer Ultimate Pro offers especially low thermal conductivity – as proved by the BF data sheets.

Standard colours

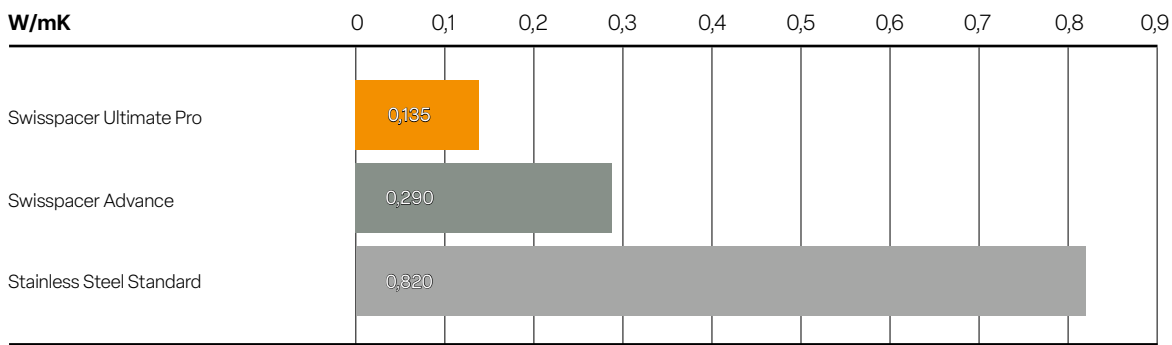


All colours are similar to RAL - not identical.

Available widths



Thermal conductivity compared



Equivalent thermal conductivity in W/mK according to EN 12664:2001-01 and ift guideline WA17/1

Psi values of façades compared

Façade profiles W/m ² K		Wood-metal	Metal with thermal break d _i = 100mm	Metal with thermal break d _i = 200mm
Glazing		double triple glazing		
Spacer bar	Stainless steel	0,053 0,054	0,051 0,050	0,120 0,100
	Swisspacer Advance	0,066 0,061	0,088 0,075	0,093 0,078
	Swisspacer Ultimate Pro	0,055 0,050	0,074 0,062	0,078 0,064

Double glazing insulating glass unit: 6-16-6 (U_g = 1,1 W/m²K) | triple glazing insulating glass unit: 6-12-4-12-6 (U_g = 0,7 W/m²K)
Source: ift Rosenheim WA-22/2 (Warm Edge working group) / BF Window data sheets



Psi values of windows compared

Window system W/m ² K		Wood 1,4 – 1,3	Plastic 1,2	Wood + aluminium 1,4	Aluminium 1,6
Glazing		double triple glazing			
Spacer bar	Aluminium	0,082 0,089	0,076 0,078	0,094 0,100	0,110 0,120
	Stainless steel	0,053 0,054	0,051 0,050	0,059 0,060	0,068 0,064
	Swisspacer Advance	0,039 0,037	0,039 0,037	0,042 0,040	0,047 0,042
	Swisspacer Ultimate Pro	0,031 0,029	0,032 0,030	0,032 0,030	0,036 0,031

Double glazing insulating glass unit: 4-16-4 (U_g = 1,1 W/m²K) | triple glazing insulating glass unit: 4-12-4-12-4 (U_g = 0,7 W/m²K)
Source: ift Rosenheim WA-08/3 (Warm Edge working group) / BF Window data sheets



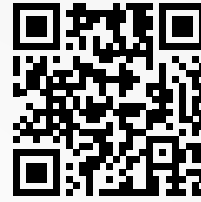
Did you know?

Swisspacer Air is the innovative solution for pressure-equalised insulating glass units.

More information: www.swisspacer.com

You know the problem: Differences in altitude and climatic stresses lead to build-up of excess or negative pressure in the insulating glass. The resulting tension can lead to glass breakages and premature ageing.

With Swisspacer Air you can avoid these critical conditions: The little component works to equalise the pressure between the surrounding environment and the cavity between the panes, which minimises the risk of breakage during transport over different heights. What's more, Swisspacer Air also makes it possible to safely create larger cavities between the panes which also delivers other advantages – such as improved sound insulation.



Find out more about our services.

Swisspacer spacer bars can be processed using various methods to suit individual requirements. In addition to classic, manual frame production, automated processing with welding systems or bending machines is also possible. It goes without saying that curves and various special shapes are also possible. Our delivery portfolio also includes the necessary accessories.

Do you have any questions about the product or its processing?

Swisspacer supports you with a comprehensive service – from the initial consultation to training in production for optimised frame and insulating glass production with the Swiss warm edge.

Swisspacer