

SWISSPACER ULTIMATE PRO

The proven Swiss Original
with extra flex

Engineered in Switzerland

www.swisspacer.com

SWISSPACER

The edge of tomorrow.



ULTIMATE PRO



SWISSPACER ULTIMATE PRO

The spacer bar ULTIMATE PRO focuses on optimal processing and maximum safety for the function in insulating glass. In terms of performance ULTIMATE PRO is one of the best warm edge spacers on the market.

Thanks to the sophisticated material composition of ABS and glass fibres, ULTIMATE PRO offers high elasticity with advantages for processing – and at the same time the necessary stability for the spacer frames. ULTIMATE PRO can be processed particularly efficiently and transported safely within the production process. Cycle times can be further optimised and waste in production is reduced to a minimum.

The optimally coordinated design of geometry, perforation and foil highly ensures the functional performance of the insulating glass, especially with regard to service life.

Of course, you can rely on the proven properties of the SWISSPACER Warm Edge: ULTIMATE PRO spacer has a particularly low thermal conductivity. The representative Psi values and thus correspondingly low U_w values for windows and façades were determined in accordance with the recognised ift guideline WA-17/1 & WA-08/3.

As with all other SWISSPACER spacers, ULTIMATE PRO also impresses with its outstanding appearance with a matt surface that avoids reflections.

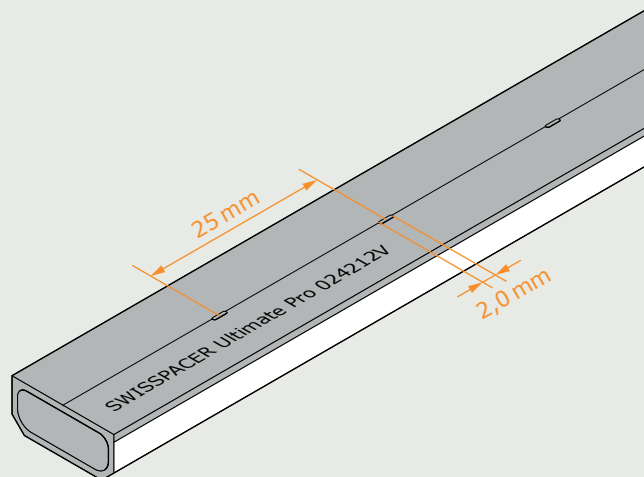
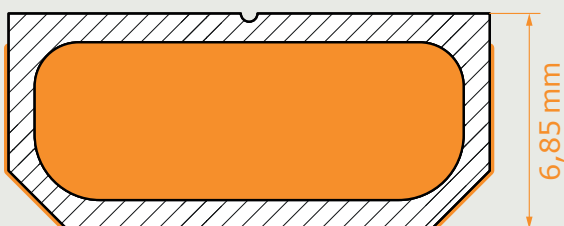


ABS



glass fibre

The sophisticated material combination of ABS and glass fibres and the optimal design characterise ULTIMATE PRO and ensure the best workability.



Especially cost-effective

The product for highest efficiency in the production process

Best results

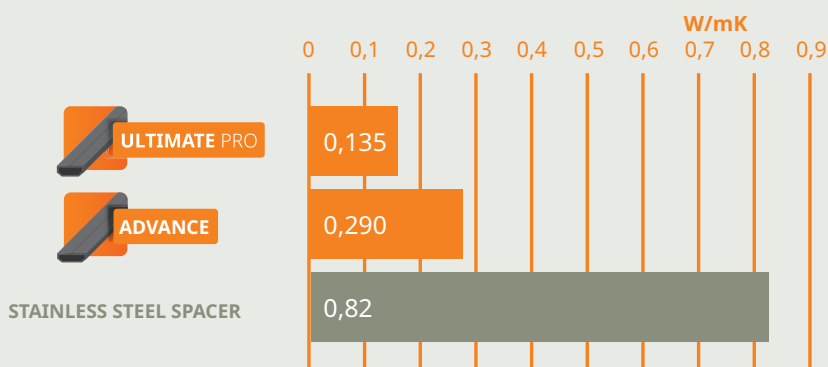
Reliable quality and longevity for the manufactured IGUs

Reliable in terms of known benefits

Proven to deliver high energy efficiency, best living comfort and more CO₂ savings



Thermal conductivity in comparison



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

SWISSPACER Psi-Values (ADVANCE / ULTIMATE PRO)

Window System W/m ² K		Wood 1,4 – 1,3	Plastic 1,2	Wood + Alu 1,4	Alu 1,6
Glazing		Double glazing Triple glazing			
Spacer Bar	Aluminum	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
	SWS ADVANCE	0,039 0,037	0,039 0,037	0,042 0,040	0,047 0,042
	SWS ULTIMATE PRO	0,031 0,029	0,031 0,030	0,033 0,031	0,036 0,032

Double glazing: 4-16-4 ($U_g = 1,1 \text{ W/m}^2\text{K}$) | Triple glazing: 4-12-4-12-4 ($U_g = 0,7 \text{ W/m}^2\text{K}$)

Source: ift Rosenheim WA-08/3 (Arbeitskreis Warme Kante / Warm Edge Working Group)

Accessories for SWISSPACER ULTIMATE PRO

The corner keys for ULTIMATE PRO were developed with the target of achieving the optimum ratio of insertion and extraction forces. The result is 90° corner key with bent wires that create very stiff and precise corners.

Fast and smooth production

Efficient frame production with excellent ratio of low insertion and high extraction forces

Exact 90° corner

High stiffness in the corner due to the glass fibre reinforced material and the used wall thickness

Technically and visually excellent

Form-fitting connection ensures best function and appearance in the insulating glass



SWISSPACER

Vetrotech Saint-Gobain (International) AG
Zweigniederlassung Kreuzlingen
Sonnenwiesenstrasse 15
8280 Kreuzlingen, Switzerland

T +41 (0)71 686 92 70
F +41 (0)71 686 92 75
info@swisspacer.com
www.swisspacer.com

SWISSPACER
The edge of tomorrow.