

# THE ULTIMATE WARM-EDGE SPACER

 Ultimate  
SWISSPACER



[www.swisspacer.com](http://www.swisspacer.com)

# SWISSPACER®

  
SAINT-GOBAIN

# ULTIMATE: THE BEST FOILED WARM EDGE SPACER BAR IN THE WORLD

Engineered in Switzerland

SWISSPACER's new ULTIMATE spacer bar sets a new standard in energy efficiency, comfort and structural stability. ULTIMATE came top in independent tests of all foiled warm edge spacers conducted by ift Rosenheim.

ULTIMATE's High Tech Gas Barrier keeps moisture out and insulating gas in the sealed unit so it keeps on performing, year after year.

## SWISSPACER PSI - VALUES

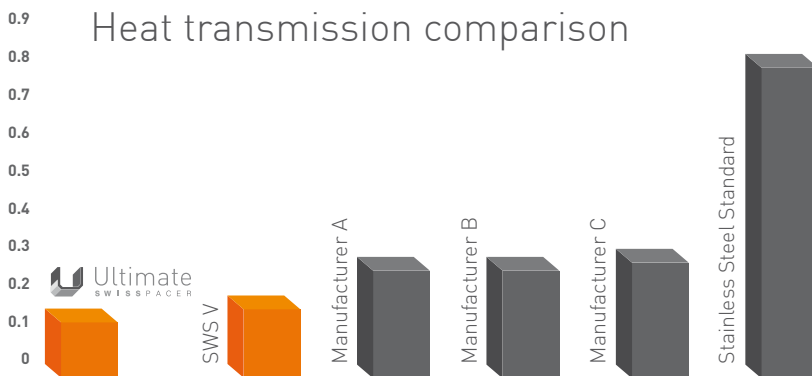
Glazing ► 4-16-4 ( $U_g = 1.1 \text{ W/m}^2\text{K}$ , DGU)

Research ► ift Rosenheim WA-08/1 (Arbeitskreis, Warme Kante™)

Spacer \ Frame material	Wood 1.4	Wood/Alu 1.4	PVC 1.2	Alu 1.6 [W/mK]
Aluminum (standard)	0.081	0.092	0.077	0.111
SWISSPACER	0.047	0.052	0.045	0.060
SWISSPACER V	0.032	0.035	0.034	0.039
<b>SWISSPACER Ultimate</b>	<b>0.031</b>	<b>0.032</b>	<b>0.032</b>	<b>0.036</b>

The PSI values were all determined in accordance with ift guideline WA-08/1. For SWISSPACER Ultimate, the calculation is based on the latest equivalent conductivity measurement according to ift guideline WA17/1.

## Heat transmission comparison



Equivalent heat transmission in  $W/(m.K)$  according to EN 12664:2001-01 and ift Guideline WA 17/1

### ► THE BEST ENERGY EFFICIENCY

ULTIMATE has the best thermal conductivity value of all foiled warm edge spacer bars.

### ► THE BEST COMFORT

ULTIMATE spacer, ultimate comfort. Windows with ULTIMATE inside keep homes at a comfortable temperature all year round.

### ► THE BEST AESTHETICS

ULTIMATE has a satin finish and the widest choice of colours.

### ► THE BEST LONG LASTING PERFORMANCE

High Tech Gas Barrier keeps sealed units performing year after year.

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