



SWISSPACER
The edge of tomorrow.

Want to find out more?

As our customer, your satisfaction matters to us. That is why we are always happy to be your point of contact and advise you on any questions you may have about energy savings.

Contact us at:



SWISSPACER
The edge of tomorrow.

SWS_WarmEdge_Broch_HO_EN_1-0 Copyright SWISSPACER



Keep the cold at bay.

Did you know that you can save up to

8.6 %

of your heating energy and

340 kg

CO₂ per year

if your window contains a small component?



Lower heating cost. More comfort. Good for the environment.

A small, but effective component in each and every energy-saving window is what is known as a spacer bar and is located between the panes of glass. It establishes the physical contact between the panes and thus, as the direct contact between the inside and outside, it is decisive for energy efficiency and living comfort, keeping the cold outside.

Although this decisive detail has an enormous effect on the energy efficiency of the window, more and more spacer bars made of aluminium are being used in insulated windows – and that has dire consequences when it comes to the heating costs bill. Why? Because nothing conducts heat better than metal. No wonder, then, that in several houses, the money spent on heating costs generally goes straight out the window in the truest sense of the word.



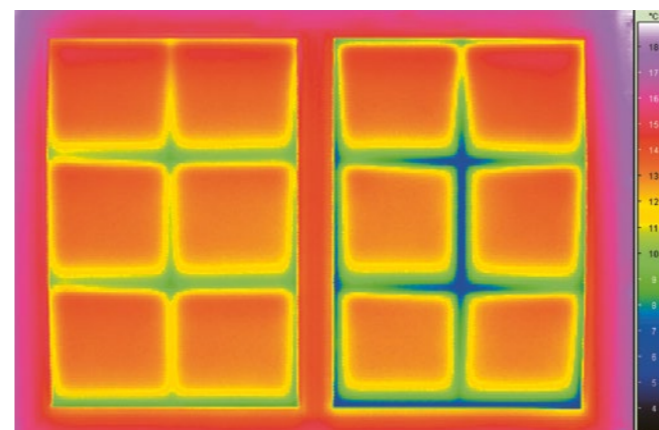
Small component, big impact: the spacer bar is the centrepiece of every window – regardless of whether it is used in double or triple glazing.

What can I do?

When buying your windows, have a look at the warm edge from SWISSPACER and save yourself some real money.

What is the warm edge?

Unlike aluminium spacer bars, warm edge spacer bars like those from SWISSPACER are made from a plastic compound with great insulating properties that keeps the amount of heat lost to a minimum. In doing so, they prevent cold bridges and heat losses at the edge of the panes of insulating glass, meaning that condensation, mould and the resulting health impairments will not develop in the first place.



Window with SWISSPACER spacer bar | Window with aluminium spacer bar

Scientifically proven.

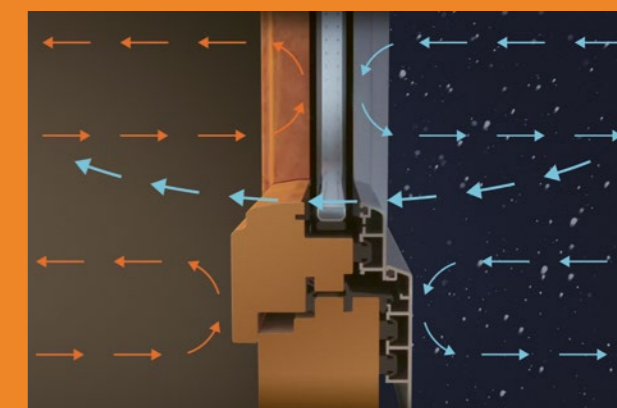
These results have now also been proven by a study of the independent Passive House Institute in Darmstadt. For the first time, the influence of spacer bars in the insulating glass on the overall energy requirements of buildings was examined.

In comparison to aluminium spacer bars, highly efficient plastic spacer bars result in significantly lower energy consumption, CO₂ emissions and heating costs in buildings. The three building types analysed in the study in different climate zones saved up to 320 kg CO₂ over their surface area of 156 m² when high-quality plastic spacer bars were used instead of aluminium spacer bars in the windows.

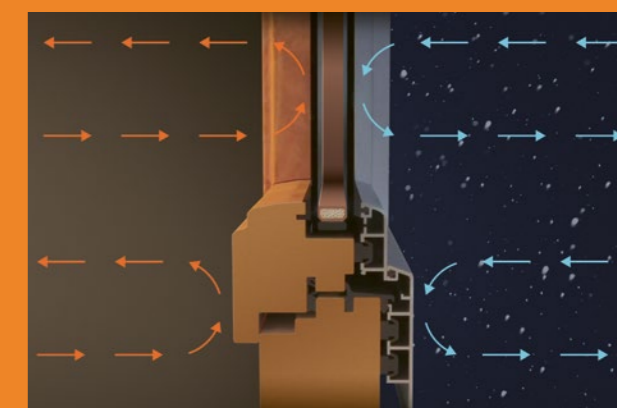
The building's heat energy savings were up to 8.6 percent for the low-energy house with triple glazing, up to 5.6 percent for the low-energy house with double glazing and up to 28 percent for the Passive House.

Facts & Figures:

Up to EUR 25 heating costs per linear metre at the edge of the glass are saved over the useful life. Given a standard window of 1.23 x 1.48 m, that is over EUR 135. The only prerequisite: using highly efficient spacer bars made of plastic instead of aluminium spacer bars in insulated glass windows. They save real money over the entire useful life of your windows – despite the slightly higher price of a window with a plastic spacer bar.



With an aluminium spacer bar: Due to the high conductivity of the metal, heat gets outside more easily – at the expense of the environment and your wallet.



With a SWISSPACER spacer bar: Thanks to the plastic spacer bar from the innovation leader, the cold bridge is minimised – and the cold stays outside.



For more information on the study by the Passive House Institute, visit

en.swisspacer.com/8percent