

Swisspacer - V

“the warm edge”

Supaseal Glass can provide Swisspacer, "warm edge technology" spacer, across our entire range of double glazing units.

The advantages of the Swisspacer are numerous:

- **Energy saving** - the high-tech Swisspacer V enables heating bills to be reduced by up to 5%, due to its thermal insulating properties.
- **Comfort** - the characteristics of the Swisspacer V reduce the risk of condensation forming, and also the resultant mildew and mould on the window.
- **Aesthetics** - Swisspacer is available in an extensive colour range to allow your client to choose the most appropriate colour dependent upon the colour of frames, etc.
- **Strong green credentials** - the Swisspacer aids the prevention of heat loss from the unit, which in turn reduces CO₂ emissions.

SUPASEAL
GLASS LIMITED
"Enhancing Your View"

SAVEHEAT Exclusive manufacturers of Saveheat Energy Efficient Glazing Systems

The screenshot shows the Swisspacer website interface. At the top, there is a navigation menu with links for Home, Products, Processing, References, Service, Company, and Contact, along with a Login button. Below the menu, the breadcrumb trail reads 'Home > Products > What is a "Warm Edge"?'. The main content area features a heading 'What is a "Warm Edge"?' followed by a detailed paragraph explaining the technology: 'At the edge bonds, a "gap" is created between the double glazing panes with the help of spacers. This creates a space filled with inert gas or air between the glass panes, a key factor for the insulating efficiency of the glazing. The spacers create a linear thermal bridge of considerable length within the window component. When metal profiles are used, thermal heat is more or less released into the atmosphere - along the entire transition area between glass and window frame. This loss is not only reflected in a building's energy balance, but also leads to a cooling of the inside surface temperature along the glass edge - i.e. the edge becomes cold. If the surface temperature sinks below the dew point temperature of the surrounding air, condensation will develop - a comfort and hygiene flaw which consumers frequently object to. Apart from the health risks posed to residents, long-term condensation can also cause damage to the window frame. Energy saving Lower heating costs through better insulation: the thermally improved spacer SGG SWISSPACER V excels with an optimised heat transfer resistance. The heat transmission coefficient is at least 0.1 W/m²K lower than that of conventional aluminium spacer bars. Reductions of up to 0.3 W/m²K can even be attained. The result: the high tech spacer bar SGG SWISSPACER V enables heating costs to be reduced by up to 5%. That's easy on the wallet, and with reduced CO₂ emissions, also on the environment.' Below the text are two small images: one showing a cross-section of a double-glazed unit with a spacer bar, and another showing a technical data table. To the right of the main content, there is a search bar, a 'Newsletter' section with a 'Subscribe to the Newsletter Now!' button, a 'Breaking News' section with links to 'New dimensions for georgian bars!', 'Calwin 4.2 now available as download', and '10 years of SWISSPACER', and a 'Messen & Events' section with links to 'Eersterbau Frontale 2010', 'Green Build Expo', 'Glastec 2010', and 'GG9 Regionals'.

For more information
on Swisspacer, you can visit
www.swisspacer.com

www.supasealglass.co.uk