Super Spacer[®]



SUPERSPACER.COM Edgetech A SUBSIDIARY OF Quanex

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SUPER SPACER® FOR A GREENER FUTURE



THE PERFECT COMBINATION FOR ENERGY EFFICIENT WINDOWS

GLASS + FRAME + SUPER SPACER®



With energy costs rising globally and climate change a real concern for the planet, home efficiency and insulation is increasingly important when building houses or updating existing properties. A small, discreet, but significant component to consider when choosing new, thermally insulated windows is the spacer bar used.

ENERGY SAVING WINDOWS ARE ONLY PERFECT ONCE THEY HAVE A SUPER SPACER® WARM EDGE

Inefficient building components which transmit the most heat into the environment are called thermal bridges. In winter it is much colder at these points, which causes the constant risk of condensation as moisture in the warm room air condenses at these cooler spots. Permanent condensation can damage the building and lead to mould forming that is hazardous to health. Old windows or windows that insulate poorly can often act as thermal bridges, especially where the glass and frame meet.

An indispensable component of modern insulating glass windows: Super Spacer[®] warm edge between the panes of an insulating glass window.

HOW SUPER SPACER® SAVES ENERGY

A glass unit with conventional, metal spacers loses almost twice as much heat compared to modern insulating glass with a warm edge, due to its high thermal conductivity.

A Super Spacer[®] warm edge spacer guarantees optimum thermal insulation at the unit edge. It prevents thermal bridges at these points, saves energy and simultaneously ensures a more comfortable room climate by reducing unpleasant draughts caused by cold spots.





In the winter Super Spacer[®] ensures even temperature distribution at the window panes and keeps the heat in the building.

SIMPLY KEEP THE HEAT IN THE HOUSE!

Choose insulating glass units with a Super Spacer[®] warm edge built in and reduce your heating bills!

SUPER SPACER® WARM EDGE SYSTEMS ARE CERTIFIED PASSIVE HOUSE COMPONENTS

A passive house window loses less than 7 litres of heating oil per square metre of window surface per year. By comparison approx. 60 litres of heating oil are lost per year if you use single glazing.

All Super Spacer[®] products have been awarded the passive house certificates phA+ or phA for an Arctic climate.



NO CONDENSATION AND MOULD FORMATION FOR IMPROVED HYGIENE



In the summer Super Spacer[®] minimises the heat exchange at the edges of the window panes and keeps the cool air indoors.

WORKING TOWARDS A SECURE FUTURE WITH ECONOMICAL AND ENVIRONMENTALY-AWARE CHOICES

- Save heating costs and help to reduce CO₂ emissions.
- An investment in energy-efficient windows increases the value of your property.
- The use of state-of-the-art window technology for the glass, frame and spacers provides us with a secure future.

