



#MS2B rev. 03/2018  
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# BETWEEN YOU AND THE ELEMENTS.



**Quanex**  
building products

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

# FOAM. THE ULTIMATE

Think about what your windows go through.

They have to face extreme temperature changes all year.

Plus, they're bombarded with UV rays, barometric pressure changes and nasty winds.

Luckily, there's a simple way to give your windows an advantage in reducing energy costs, ensuring durability and adding comfort and value to your home.

It's foam - a unique formula we call Super Spacer®.

The all-foam formula in Super Spacer used to separate the panes of glass in your windows conducts less heat and cold than conventional metal spacers at the edge of the glass.



# EDGE.



## GO AHEAD. PICK

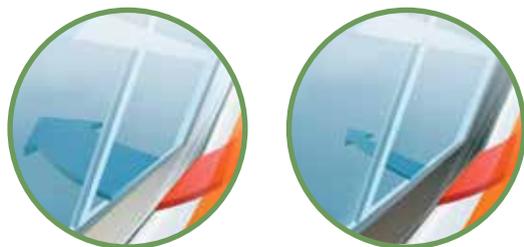
You won't get burned by Super Spacer®. Our NO-Metal, all-foam formula blocks heat flow, unlike most metal-based spacers on the market today. Windows lose and gain heat by conduction, convection, radiation and air leakage.

Conduction is the movement of heat through a solid material.

Touch a hot skillet, and you feel heat conducted from the stove through the pan.

Heat flows through a window much the same way.

**Our all-foam formula blocks the heat escape path and provides one of the best thermal performances in the industry. It also keeps the heat out in the summer, so you can stay cool.**



# IT UP.

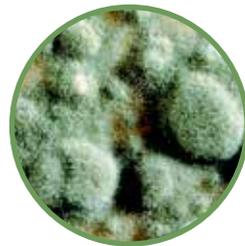
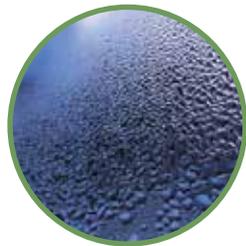


## A GROWING CONCERN:

Mold needs moisture to grow. In order to keep moisture off the glass, your windows need to have the warmest inside surface temperatures possible.

The world's warmest edge occurs with Super Spacer®. This superior insulation means improved energy savings and substantially reduced condensation for overall window improvement.

Condensation can lead to more than bacteria and molds. It can increase the likelihood of fungi, viruses, and mites that cause respiratory infections, allergies and asthma.



# MOLD.



## CUT THE

While windows sealed with Super Spacer® protect you from the foul weather beating on your house, there's something else they keep outside - noise.

Whether it's cars whizzing by, restless neighbors next door or power tools blasting on a Saturday morning, we can help keep it quiet inside.

That's because the closed-cell polymer foam in Super Spacer transmits very little sound compared to conventional metal spacers.

Another reason you're more comfortable at home with Super Spacer.

# NOISE.



**With improved sound absorption over traditional metal spacers, Super Spacer is a huge help in keeping the decibels down.**



# TWO ARE BETTER THAN

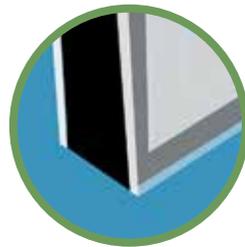
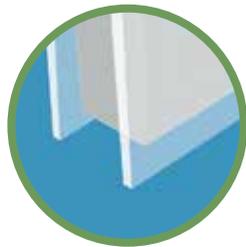
When you double up, you get twice the protection.

Which explains our dual-seal system that uses a high-performance acrylic adhesive for its structural seal. Backed with a moisture vapor seal, Super Spacer<sup>®</sup> insulating glass lasts up to nine times longer\* in durability tests than single-seal units.

This allows us to meet the toughest warm-edge demands, like reducing energy costs and providing long-life durability.

*\*Sources: Glass Digest, November 1992; Test RLS08006B*

**The dual seal advantage. Structural adhesive plus perimeter edge moisture vapor seal equals the most reliable insulating glass unit on the market today.**

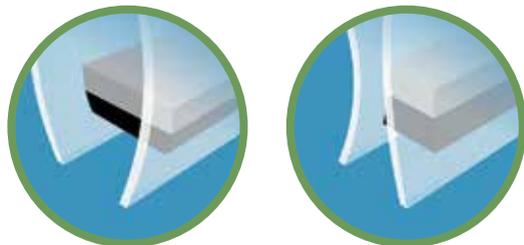


## JUST TRY TO BEND IT

Metal can't bounce back the way Super Spacer® can. Thanks to our Thermoset Spacer (TSS)® technology, the spacer will expand and contract, but it will always return to its original shape.

Rigid metal and plastic spacers cannot compensate for the natural expansion and contraction that occurs daily in insulating glass. Without all-foam Super Spacer, windows can develop stress cracks that eventually lead to seal failure. Super Spacer's 100% memory formula will stand up to a wide range of temperatures, and is even designed to provide outstanding UV resistance.

**Our all-foam formula offsets the effects of temperature changes, barometric pressure, wind load and glazing pressure. The end result is less seal failure and fewer stress cracks.**



# THE BEST SPACER

If only the strong survive, then we'll outlast all the rest. All Super Spacer products meet the challenge of the P-1 chamber, the test many engineers consider the world's toughest. One week spent in a P-1 chamber is equivalent to one year in the field, and Super Spacer survives with long term P1 performance with a low seal failure history within the industry.

Super Spacer units withstand the 140°F/60°C temperatures, 95-100% humidity and constant UV bombardment in the world's toughest durability test - The P-1 chamber.



# ALL THE WAY AROUND.

