

Super Spacer® LEEDing the Way

>> Super Spacer® contributes to LEED® certified projects

Since the first Leadership in Energy and Environmental Design (LEED®) certified projects were announced in 2000, more than 322 million square-feet of certified commercial space have been registered with the U.S. Green Building Council (USGBC).¹ An internationally recognized certification system, LEED was designed in the late 1990s to measure how well a building or community performs in terms of energy savings, water efficiency, CO₂ emissions reduction, improved indoor environmental quality, and stewardship of resources and sensitivity to their impacts.

LEED continues to expand and gain interest among architects as the building industry moves toward “greener” pastures. Many suppliers are following suit by marketing products that contribute to the goals of LEED. While the USGBC does not certify or endorse products, some building components can contribute to earning performance points toward LEED certification.

“For more than 20 years, the Super Spacer® family of products has provided sustainable energy savings worldwide, so it was natural that Edgetech would take an active interest in the LEED program,” said Joe Erb, who focuses primarily on the commercial building sector for Edgetech. “LEED may have changed the way we market our commercial products, but not the inherent performance characteristics of Super Spacer, which has proven to help buildings earn points toward LEED certification. Our advanced silicone foam spacers, such as Super Spacer TriSeal™, provide significant improvements in thermal performance, while providing the proven structural strength with enough flexibility to reduce the glass and sealant stresses in commercial glazing. By reducing the stresses on sealants and glass, we extend the life of the IG.”

Super Spacer products, in combination with high-performance glass coatings and framing materials, provide significant improvements in overall U-factor to lower building heating

and cooling costs. Additionally, the non-conductive spacer dramatically reduces condensation on glass, which can cause harmful molds and/or premature seal failure of the IG system.

According to Erb, Super Spacer’s thermal performance and condensation resistance characteristics provide improved health, comfort and indoor air quality. “These attributes are extremely important to those who are looking to achieve LEED certification,” he said.

Super Spacer’s LEED Contribution Potential:

Energy & Atmosphere

EA Credit 1: Optimize energy performance (1-10 points; 2 points required)

Materials & Resources

MR Credit 5.1: Regional materials, 10 percent extracted, processed and manufactured regionally (1 point)

Edgetech has two manufacturing facilities: Cambridge, Ohio, and Coventry, United Kingdom.

Indoor Environmental Quality

EQ Credit 7.1: Thermal comfort, design (1 point) – based on reduced U-factor

EQ Credit 7.1: Thermal comfort, design (1 point) – based on reduced condensation and reduced potential mold growth attributed to condensation from glazing

For architects looking to incorporate Super Spacer into a potential LEED project, Edgetech has developed an easy-to-use Super Spacer TriSeal specification guide, available at www.edgetech360.com/architects. The company also offers American Institute of Architects (AIA) certified continuing education programs to qualifying firms. Contact Joe Erb at jerb@edgetechig.com for information.

¹US Green Building Council, April 2009, usgbc.org.

A few examples of LEED Projects with Super Spacer:

National Resources Defense Council,

Santa Monica, California – LEED Platinum



Half Moon Outfitters,

North Charleston, South Carolina – LEED Platinum



Mountain Equipment Co-Op,

Winnipeg, Manitoba – LEED Gold



PCL Learning Centre,

Edmonton, Alberta – LEED Gold



Canmore Civic Center,

Canmore, Alberta – LEED Silver



Visit Edgetech’s GlassBuild Booth, #2219, to learn more about Super Spacer TriSeal and to witness the MythBusters Demonstration, which shows off the product’s structural strength. 