



Super Spacer® - A True Dual Seal Spacer System

Super Spacer, as a true dual seal performing spacer system, is the world's only 100% polymer foam, NO-Metal TrueWARM® edge spacing system. Its arrival on the scene in 1989 revolutionized the insulating glass industry, and today, it is still breaking new ground in providing the warmest, longest-lasting windows anywhere in the world. Throughout the world, innovative IG manufacturers rely on Super Spacer to ensure the highest window performance in their replacement and new construction windows and doors.

A Unique Reverse Dual Seal Spacer System

What makes Super Spacer a high performance spacer system is its structural foam, non-metal construction, blend of silicates and moisture-adsorbing desiccant material. Super Spacer is already desiccant filled with pre-applied side adhesive, and it also features a vapor barrier backing. In order to consider the Super Spacer system a true dual seal, the product must be backed with conventional IG secondary sealants such as hot-melt butyl or one-part curable hot-melts or sealants with less than 5g/m²/24hr MVTR.

A high performance acrylic pressure-sensitive adhesive is used as a structural element in Edgetech's Super Spacer system, and it bonds directly to both lites of glass. The adhesive provides good tack and high shear strength for immediate adhesion and long-term holding power. The acrylic adhesive has excellent UV stability and elevated temperature resistance. This structural seal is placed on the inside of the IGU and is protected by the moisture vapor seal (IG secondary sealant) on the outside.

Thus, in contrast to a conventional dual seal design, the insulating edge seal incorporating Super Spacer and secondary sealant is termed as a *Reverse Dual Seal* design, as the position of the structural and the moisture vapor/gas barrier seals are interchanged.

Edgetech's unique Reverse Dual Seal Spacer System has proven its status as a true dual seal IG system based on field durability performance and accelerated testing through many industry standards.

