



POLAR
WINDOWS™

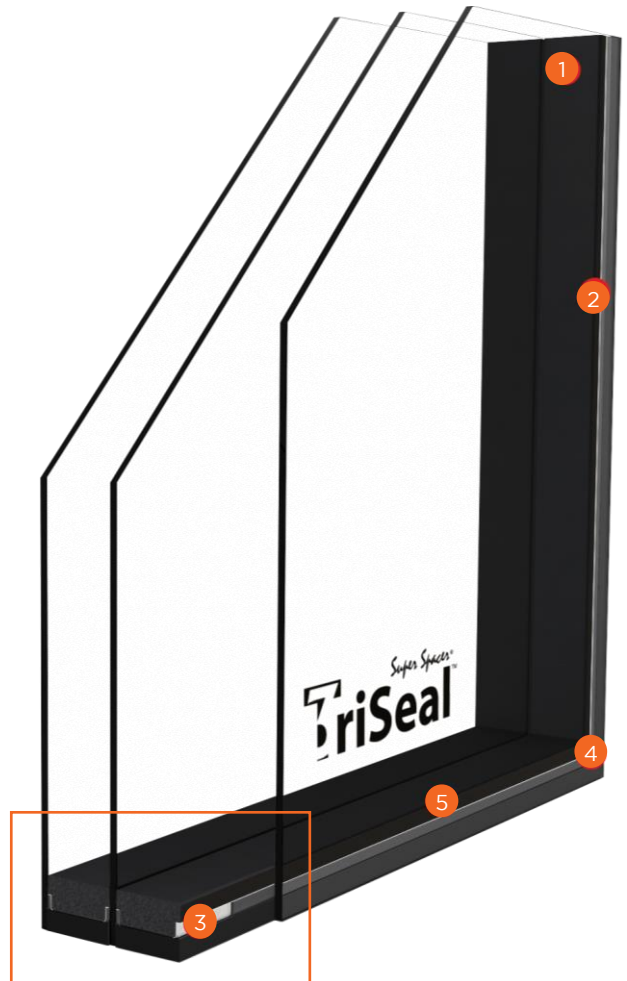
A GLASS COMPANY

TRI-SEAL™ WARM EDGE PERFORMANCE

Polar Window and Door systems include our latest technological breakthrough - Tri-Seal™ warm edge spacer bars.

The low conductivity structural silicone virtually eliminate condensation and now the triple seal provide an extremely durable and long-lasting seal and optimal argon gas retention.

- 1 Smooth, matte finish thermoset structural silicone – NO-Metal with integral desiccant
- 2 Pressure sensitive acrylic adhesive
- 3 Proprietary multi-layer vapour barrier
- 4 Structural adhesive with perimeter edge sealant for dual seal durability
- 5 Captive PIB primary seal for triple seal longevity



What is Warm Edge?

Warm Edge refers to the thermal conductivity of the spacers used to separate the lites of an insulating glass unit. If the spacer material is less conductive than conventional aluminum, it is called warm edge. Most of the newer spacers perform better than aluminum, but still contain some metal, and this metal is highly conductive.

The edge of an IG unit is the most vulnerable part of the glass to heating and cooling losses, condensation and frosting. Tri-Seal™ Super Spacer contains NO-Metal and is one of the most thermally efficient IG spacers available in the market today..