

# LoE<sup>3</sup> Glass & Super Spacer<sup>®</sup>

STATE-OF-THE-ART COMPONENTS



WEST COAST  
WINDOWS<sup>™</sup>  
DESIGNED FOR LIFE<sup>®</sup>

# The ultimate combination

Our unique Enertech Windows System is a synthesis of industry leading components that include top-of-the-line triple-layered LoE<sup>3</sup> glass and the unique No-Metal Super Spacer<sup>®</sup>. These state-of-the-art components provide superior performance for controlling solar energy and condensation.

You'll enjoy year-round comfort, energy savings, and increased value to your home – all packaged in a strikingly beautiful window design.



## Super Spacer<sup>®</sup>

### Super Spacer delivers the ultimate in thermal performance

Today's energy efficient windows demand warm edge technology. All West Coast windows and doors feature the patented No-Metal Super Spacer's unique spacer which conducts less heat and cold than conventional metal spacers and provides one of the best thermal performances in the industry. With its advanced all-silicone foam formula and a unique dual-seal design, Super Spacer reduces window condensation, energy costs and distracting noise. Super Spacer creates the warmest possible edge – up to 16.6°F / 9.23°C warmer than aluminum spacers.

### Say goodbye to seal failure and stress cracks

Protect your windows from temperature changes, barometric pressure, wind load and glazing pressure. The dual seal system means insulating glass lasts up to five times longer in durability tests than single-seal units.

### Get quiet comfort

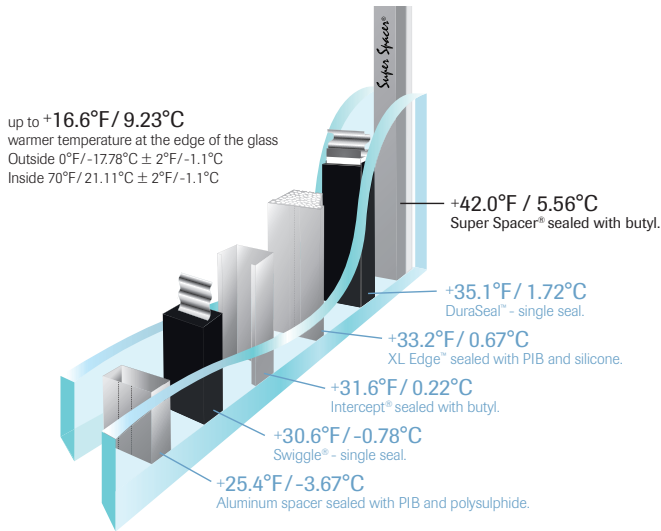
Keep bothersome noises outside where they belong. The closed-cell polymer foam in Super Spacer transmits less sounds than conventional metal spacers. With up to 18% improved sound absorption you can relax within the quiet comfort of your home.

### Create a healthier environment

Condensation not only spoils your view, it can also harm your body. Condensation leads to molds and bacteria as well as increasing fungi, viruses and mites that cause respiratory infections, allergies and asthma. Super Spacer's all-foam design dramatically reduces condensation, producing the clearest picture and healthiest environment in warm edge technology.

### The world's toughest test

Engineers consider the P-1 chamber the world's toughest test. One week spent in a P-1 chamber with 100% humidity, constant UV bombardment and exposure to extreme temperatures of 140°F / 60°C is equivalent to one year in the field.



### Super Spacer satisfies the toughest warm edge demands

Super Spacer creates the warmest possible edge up to 16.6°F/9.23°C warmer temperature at the edge of the glass.

### How does Super Spacer measure up?

100 weeks, or 100 years survival rate. Super Spacer's memory formula stands up to extreme temperatures and provides outstanding UV resistance.

### Foam vs. Metal: the inside story

Super Spacer's all-foam formula blocks heat flow, unlike most metal-based spacers on the market today. Metal can't bounce back so it can't compensate for the natural expansion and contraction of your windows. The result? Energy drains on your high performance windows.

Super Spacer expands and contracts and always returns to its original shape. Millions of tiny air pockets help eliminate edge of glass conductivity so you stay warm in the winter and cool in the summer. A unique moisture barrier protects your home from the west coast climate.

Super Spacer® is a registered trademark of Edgetech I.G. Inc. DuraSeal™ is a trademark of TruSeal technologies Inc. XL Edge™ is a trademark of Cardinal Glass Industries. Intercept® is a registered trademark of PPG Industries Inc. Swiggle® is a trademark of TruSeal technologies Inc.



### Raising the bar for solar control and high visibility

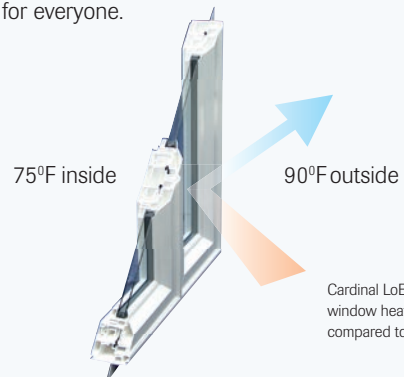
Cardinal's top-of-the-line LoE<sup>3</sup> glass includes a third layer of silver coating for the ultimate in performance and clarity, reducing window heat gain by 64% compared to ordinary glass. LoE<sup>3</sup> also provides exceptional fading protection, blocking out 95% of damaging UV rays. West Coast Windows is proud to offer Cardinal's LoE<sup>3</sup> glass for the ultimate in solar heat control, fading protection and visibility. Available in double-pane, tempered or laminated configurations.

### Delivering year round comfort and energy savings

During cold weather, the superior insulating capability of LoE<sup>3</sup> glass keeps your home warm and controls humidity. The temperature of the room-side of the glass directly affects the air temperature in the room. The better insulated the window glass, the warmer your room will be. Controlled humidity improves comfort and promotes a healthier living environment.

### Energy efficiency is good for everyone

Energy Star certified windows, using LoE<sup>3</sup> glass, reduce energy costs as well as household power consumption. So while you enjoy energy cost savings, you can also feel good about reducing our national energy consumption, limiting pollution and providing cleaner air for everyone.



# LoE<sup>3</sup> Glass & Super Spacer<sup>®</sup>

## Take a look inside at what makes our windows work so well

West Coast Windows are manufactured using top-of-the-line triple-layered LoE<sup>3</sup> glass and the unique No-Metal Super Spacer<sup>®</sup>. Held between the panes of the sealed low-e glass unit is a layer of argon gas – a safe, inert, non-toxic gas – that reduces convection heat loss. These state-of-the-art components provide superior performance for controlling solar energy and condensation.

- **Rigid foam No-Metal Super Spacer<sup>®</sup>**  
Reduces heat and cold transfer
- **Fusion welded frame**  
Eliminates air leakage
- **LoE<sup>3</sup> glass**  
Significantly reduces radiant heat loss
- **Argon gas**  
Reduces convection heat loss
- **Triple seal weather stripping**  
Minimizes air leakage
- **Multi-chamber frame**  
Improves energy efficiency



### CONTACT US

Call us today 604 946 2310

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Visit us online [www.westcoastwindows.ca](http://www.westcoastwindows.ca)

### OUR SHOWROOM

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Effective March 1, 2007, West Coast Designed Windows Ltd. ("West Coast") conditionally guarantees to the original consumer purchaser of its windows and doors installed in an owner-occupied residential single or multi-family dwelling by the builder as new construction or by the original purchaser as replacements at the address stated on the warranty application, that products manufactured by West Coast are free of manufacturing defects and faulty workmanship. West Coast agrees to repair or replace products manufactured by West Coast found to be defective under the conditional warranty at no charge to the Original Purchaser and will pay the cost of all parts and labour (the "Warranty"). If repair or replacement is not practical or cannot be carried out in a timely manner, then West Coast agrees to refund the purchase price. The remedy shall be at the option of West Coast in every circumstance.

This Warranty is extended to the original purchaser and shall apply only to the Home and address shown on the Warranty application. The warranty begins on the latter of the date of purchase of the West Coast Products and the date full payment for the West Coast Products is received by West Coast (the "Start Date") and remains effective as long as the Original Purchaser owns and occupies the Home. In the event that the Original Purchaser sells the Home, this Warranty may be transferred to a subsequent owner of the Home, provided the non-original purchaser then occupies the home. In the event of a transfer, the Warranty will apply on the same coverage, terms, conditions and exclusions as stated below for a period of 25 years from the start date. A nominal Warranty transfer administration fee will apply.

### A Word about Standards

We seek out standards that address real needs we know are important to our customers – and build that quality and performance into all our products.

### Energy Star

For Energy Star certification, windows and doors are qualified for their energy efficiency by either their resistance to heat transfer or their rating for solar heat gain and airtightness.

### Building Codes

Provincial and local building codes require different airtightness, watertightness and wind load strength categories depending on the climatic conditions.

### Canadian Standards Association

The CSA-A440 standard rates airtightness, watertightness, wind resistance and forced entry resistance.

West Coast windows and doors consistently meet or exceed all requirements for Energy Star, Building Codes and Canadian Standards.



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of forest resources  
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