

# Super Spacer<sup>®</sup> Comparison



# The Facts between Super Spacer<sup>®</sup> and Intercept<sup>®</sup>



#### NO-Metal Super Spacer®

Patented all-foam design dramatically reduces condensation, delivering the clearest picture in Warm Edge technology.

#### Windows made with Intercept®

Mid-performance spacer systems that still contain metal do little to improve condensation resistance.

- "Super Spacer is the world's leading 100% polymer foam, NO-Metal Spacing System."
- Super Spacer is 950 times less conductive than aluminum spacers, 85 times less than stainless steel.
- Windows with Super Spacer result in improved energy savings and improved window performance.
- Windows with Super Spacer have dramatically more condensation resistance than windows with Intercept.

#### Super Spacer<sup>®</sup> Comparison Up to 70% better.

As much as + 18.5°F warmer temperature at the edge of the glass.

Super Spacer<sup>®</sup> is a registered trademark of Edgetech I.G. Inc. Intercept<sup>®</sup> is a registered trademark of PPG Industries Inc.

Simulations performed by Enermodal Engineering Ltd. using Window 5.2 and Them 5.2 as per NFRC100-2001. Outside temperature 0° F. Ioxide temperature 70° F. Iox-e glass Cardinal Low-e<sup>2</sup> 272. Air spaces .500° wide, 90% argon fill. IGU's 24° x 48°, The secondary butyl used with Intercept® was 0.035° thick. ICISO906/WEB 11-08/EG10009W] re at the edge of the gla Inside temp. 70°F Outside temp. 0°F.

Super Spacer

Lindsay Windows uses Super Spacer

**43.0°F/6.1°C** Super Spacer<sup>®</sup> sealed with butyl.

> **31.6°F/-0.2°C** Intercept<sup>®</sup> sealed with butyl.

## ARGON GAS RETENTION with Super Spacer



An independent study, Determination of Argon Concentration and Assessment of the Durability of High-Performance Insulating Glass Units Filled with Argon Gas; by A.H. Elmahdy, Ph.D., P.Eng., found that Argon gas I.G. units made with Super Spacer<sup>®</sup> lost less than 1% in both Accelerated Weather Cycling and High Humidity tests.

### to build superior products for your home!



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