

# WORRY FREE WINDOWS FEAJURING DURALIJE® HIGH PERFORMANGE SPACER 



## SEE MORE CLEARIY \& FEEL MORE COMFORUABLE

## DURALITE® WARM-EDGE SPACER

Regardless of the season, home comfort begins with windows built with Duralite ${ }^{\circledR}$. On a cold, wintry day, the inside glass surface of an inefficient window will draw heat from your body leaving you feeling chilly inside your home. Windows built with Duralite reduce heat transfer and improve the temperature of your inside window glass.

## DURALITE® SPACER DESIGN

Duralite is a flexible, warm-edge spacer featuring a unique no metal, composite laminating technology that provides superior durability and thermal performance in insulating glass units.

To achieve the ultimate in performance-all in a single-seal design Duralite is preassembled with an air-filled polycarbonate shim, butyl sealant, a three-sided continuous moisture barrier and a desiccated topcoat. The results are better performance now, and in the future.


## REDUCE CONDENSATION FOR A CLEAR VIEW

Windows that are poorly insulated allow moisture to collect in the form of condensation. Condensation can obstruct your outside view, reduce natural lighting and damage interior finishes. Moisture and condensation can also increase the risk of mold. Windows built with Duralite warm-edge spacers reduce condensation, keeping moisture off your glass for a clearer view to the outside.


## SUPERIOR THERMAL PERFORMANCE

The thermal performance of a window plays a major role in household energy conservation. A high-performance window system will keep your energy costs low by reducing heat loss in the winter and heat gain in the summer. Duralite combined with Low-E glass and argon produces one of the highest performing, energy-efficient window systems, saving you money on your heating and cooling costs. Duralite is an ENERGY STAR ${ }^{\circledR}$ qualified product.


## SAYE MORE ENERGY \& ENJOY LONGER LASTING WINDOWS

## ARGON PERMEABILITY

Duralite has one of the best argon resistant bondline adhesives to retain argon in your window longer and save more energy. This is vital to the window maintaining its thermal performance from day one - to many years down the road.


DURALITE IMPROVES THE TOTAL WINDOW
U-FACTOR

*Warmer windows make you feel more comfortable*

BETTER INSULATING DURALITE IMPROVES THE
TEMPERATURE OF THE GLASS

*Warmer glass makes you feel more comfortable*
Duralite ${ }^{\oplus}$, Duraseal ${ }^{\oplus}$ are registered trademarks of Quanex Building Products. Intercept ${ }^{\oplus}$ is a registered trademark of GED Integrated Solutions. XL Edge ${ }^{\text {TM }}$ is a trademark of Cardinal Glass Industries. Technoform is a registered trademark of Technoform Caprano + Brunnhofer GmbH. Allmeta is a registered trademark of Allmetal, Inc. Simulations performed by WSP Canada Ltd. using Window 7.4 and Therm 7.4, according to NFRC 100-2014 and NFRC 200-2014. All models were $1200 \times 1500$ mm (approx. $48^{\prime \prime} \times 60^{\prime \prime}$ ) and NFRC-2010 conditions - $0^{\circ} \mathrm{F}$ outside, $70^{\circ} \mathrm{F}$ inside - were used for all simulations. Low-e glass for double-pane IG was Cardinal Low-E² 270; low-e glass for triple-pane IG was Cardinal Low-E ${ }^{3} 366$. All air spaces 0.500 " wide, with $90 \%$ Argon fill. Doubles were modeled as IG units only and in Mikron 1400 series SSTDH; triples were modeled as IG only and in Mikron 10700 (EnergyQuest) series SSTDH. Secondary sealant materials and depths are as listed. Temperature values shown are from modeling results, and were measured at the sightline (SL) and at $0.5^{\prime \prime}$ above the sightline (SL+1/2"). thick. . [QBP17M00614]


## DURABLE AND LONG LASTING

Windows built with Duralite will stand up to the most severe weather conditions in both hot and cold climates. The Duralite warm-edge spacer is designed to last for years, delivering durability and high performance to homeowners. To ensure your window investment is secure for many years to come, choose worry-free windows built with Duralite.


## WORRYFREE WINDOWS FEATURING DURALITE®

## ENHANCE YOUR COMFORT

When it comes to windows, you have many choices in colors, interior finishes, hardware and glass. Most glass options also have a variety of different spacer choices that can make a real difference in performance and comfort. The warmer the glass edge, the less energy lost and the more comfortable you feel near your window.


## Quanex <br> building products

## BE WORRY FREE

The Duralite ${ }^{\circledR}$ spacer is a composite laminate design that optimizes the use of a number of spacer components that help ensure argon retention and moisture prevention. All spacers need adhesives, sealants, structural elements and desiccant to perform.


They also need to last a long time under adverse conditions inside your window frame. Duralite is designed to seal your window better and longer, while increasing energy savings compared to other types of spacers.

ASK FOR DURALITE HIGH-PERFORMANCE SPACER IN YOUR WINDOWS AND DOORS.

