

WINDOWS

# CRUSADER<sup>®</sup>

E L I T E



# THE MOST PROFOUND

Change. Some change can be scary.  
Some change may not be immediately noticeable.  
Some may first seem completely unnecessary,  
until given the chance to prove its worth.  
Some change is for the better.  
Some change is inevitable.

# WORTH



# CHANGE HAPPENS



# N

(DOUBLE HUNG)

# CRUSADER<sup>®</sup>

## ELITE



DOUBLE HUNG



SLIDER



PICTURE



CASEMENT



AWNING



**COMMERCIAL GRADE,  
RESIDENTIAL APPLICATION**

**ADVANCED TECHNOLOGY,  
EUROPEAN-ENGINEERED**

**MORE FLEXIBLE  
& DURABLE SEAL**

**ENDURES EXPANSION  
& CONTRACTION**

**PRECISION**

**EFFICIENCY**

**SUSTAINABILITY**



# READY FOR THE NEXT CRUSADE.

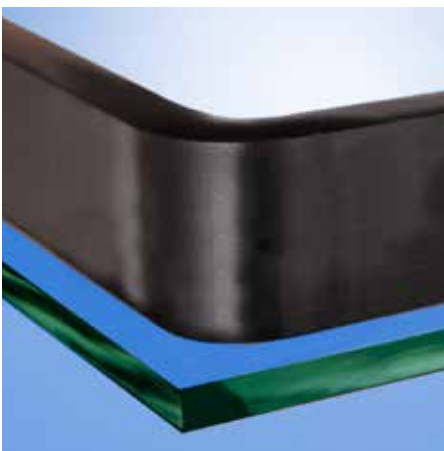
## TPS® THERMO PLASTIC SPACER®



CRYSTAL  
ACHIEVEMENT  
AWARD WINNER

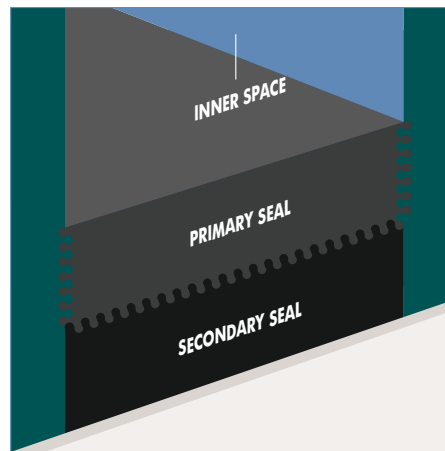
## FORGE AHEAD ON THE NEW PATH

Here at Northeast Building Products, and throughout the fenestration industry, the name Crusader® has been synonymous with blazing a distinct trail and constantly striving to strike the balance between tradition and revelation. Crusader® Elite, like descendants do when at their best, builds on the Crusader® tradition, while introducing evolutionary changes within that feel both incredible and inevitable. By adopting TPS® (Thermoplastic Spacer) technology, Crusader® Elite surges forward in the ways of precision, efficiency, and sustainability. This new state-of-the-art warm-edge IGU\* technology employs materials that transfer significantly less thermal heat/cold than conventional materials such as aluminum or steel.



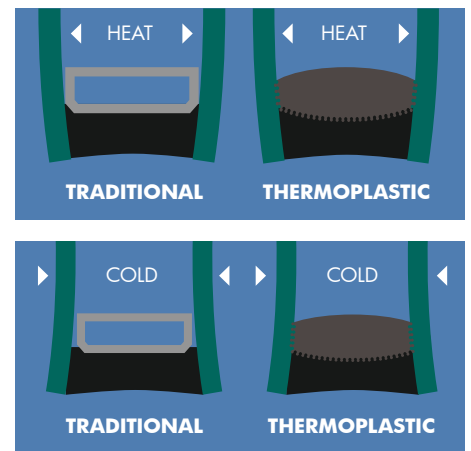
### DIRECT EXTRUSION & ADHESION

Thermoplastic integrated spacer is applied directly onto glass with robotic precision and efficiency.



### INTEGRATED SPACER & DESICCANT

Forges a true chemical bond between glass, spacer, and secondary seal, bonding components on a molecular level.



### TRADITIONAL V THERMOPLASTIC

Spacers prematurely fail without stable adhesion during expansions and contractions. TPS flexes and adheres.

\*Insulated Glass Unit

# INNER STRENGTH.

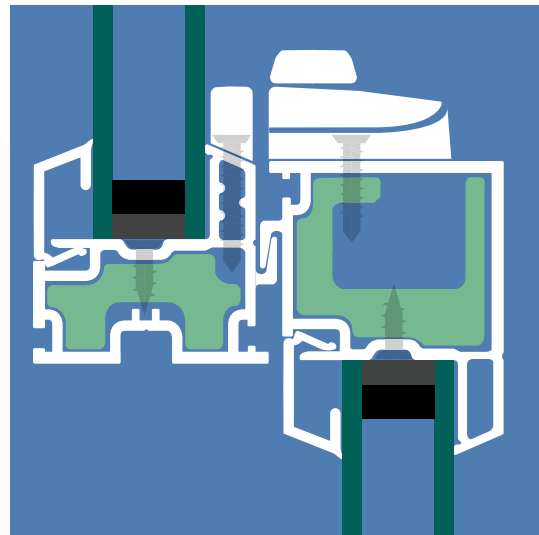
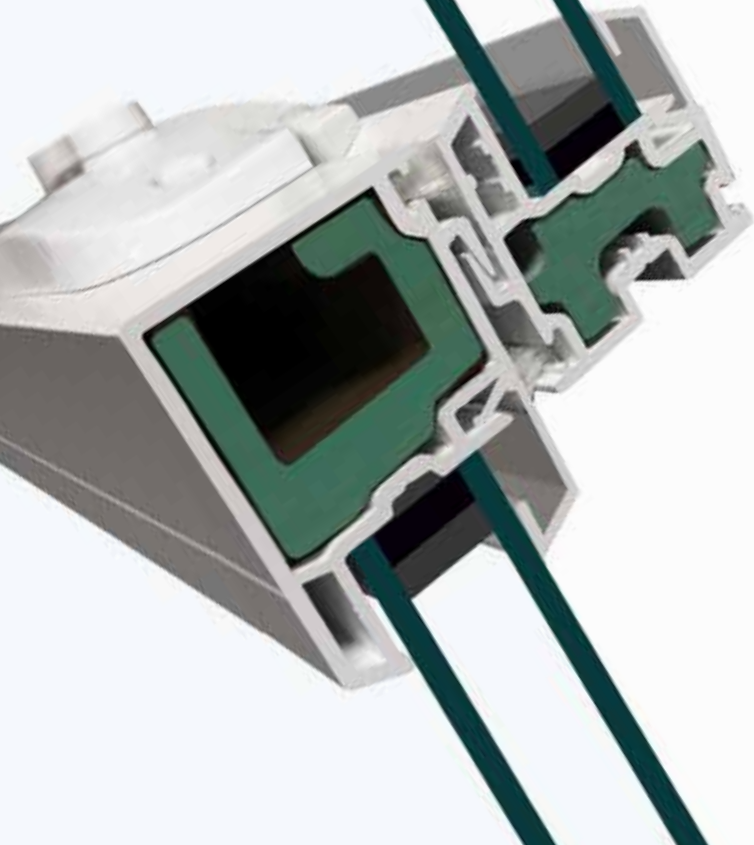
## PROPRIETARY TECHNOLOGY: **COMPOSITE REINFORCERS** WITHIN INTERLOCKING SASHES

The very durable yet lightweight composite reinforcement within the interlocking sashes not only greatly increase structural integrity and strengthen lock and keeper security, but is less conductive and less susceptible to temperature change than that of more conventional windows that use metallic internal extrusions.

**INCREASED  
STRUCTURAL STRENGTH**

**REDUCED CONDUCTIVITY**

**ENHANCED  
THERMAL PERFORMANCE**



# EASY HARDWARE.



## LOCK-TILT COMBO ALL-IN-ONE MECHANISM

One simple, smooth hand turn and single operation for locking, unlocking, and tilting sash. The Crusader® Elite Lock-Tilt Combo, the patented lock and tilt latch release mechanism (DOUBLE HUNG), has been specifically designed for the high-end window market. The sturdy Lock-Tilt Combo will stand up to thousands of cycles.\*



LOCK



UNLOCK



TILT

CLEAN AESTHETIC LINES

LOW-MAINTENANCE

EASE OF USE



\*Not available for all widths. Units under 18" feature hardware shown on SLIDER (next page).

# DOUBLE HUNG



TYPE

DOUBLE HUNG

GLASS

PREMIUM DOUBLE STRENGTH

COLOR

WHITE

GRIDS

NONE

# SLIDER



TYPE

SLIDER

GLASS

PREMIUM DOUBLE STRENGTH

COLOR

WHITE

GRIDS

NONE





# DOUBLE HUNG

Double Hung windows are the most popular window style and feature vertically moving sashes. Crusader® Elite Double Hungs represent the ultimate in performance, beauty, value, and quality.

## FEATURES

### DELUXE DUAL-VENTILATION LATCHES

Limit the window opening to a set point during ventilation.



### STAINLESS STEEL CONSTANT FORCE BALANCE SYSTEM

Provides smooth and effortless operation.



### HEAVY-DUTY LOCK-TILT COMBO\*

The sturdy build of the patented all-in-one lock & tilt mechanism features rare ease of use and makes for cleaner aesthetic lines.



### EXTRUDED LIFT & PULL RAILS

Built directly into sash for greater durability. No added or snap-in components.



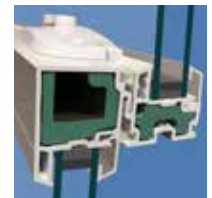
### LOCKING HALF SCREEN WITH WATER SHED TECH

BetterVue™ screens are fiberglass mesh and extruded aluminum frame, with water shedding technology, increased strength, and improved visibility compared to standard screens.



### COMPOSITE REINFORCED INTERLOCKING SASHES

Composite reinforced, proprietary interlocking sashes provide increased strength where sashes meet.



# SLIDER

Slider windows feature sashes that glide smoothly from side-to-side on brass rollers along grooves on the frame structure. Crusader® Elite Sliders, as 2-LITE or 3-LITE, are a very popular window style for their lateral movement and ease of use.

### HEAVY-DUTY LOCK

One simple, smooth hand turn; heavy-duty cam-action lock of die cast zinc.



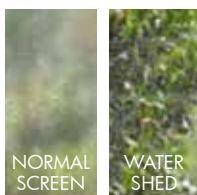
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### COMPOSITE REINFORCED INTERLOCKING SASHES

Composite reinforced, interlocking sashes provide increased strength where sashes meet.



\*Not available for all widths. Units under 18" feature hardware shown on SLIDER.

# CASEMENT



TYPE

GLASS

COLOR

GRIDS

CASEMENT | PREMIUM DOUBLE STRENGTH | BLACK (OPTION) | COLONIAL CONTOUR

# AWNING



TYPE

GLASS

COLOR

GRIDS

AWNING | PREMIUM DOUBLE STRENGTH | WHITE | NONE

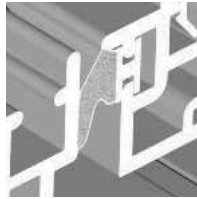


# CASEMENT



The Casement hinges on top and bottom, its side swinging outward to open on stainless steel tracks. Our Crusader® Elite Casement window is one of the most innovative on the market. With an integrated spacer that is made as part of the extrusion, fewer components are required to reach peak thermal performance.

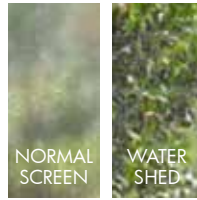
**BULB SEAL**  
Double-barrier protection from water and air infiltration.



**HEAVY-DUTY MULTI-POINT LOCK HANDLE**  
With one simple and smooth lever-action, our heavy-duty die cast zinc lock helps keep your home safe.



**FULL SCREEN/ALUM. FRAME/WATER SHED TECHNOLOGY**  
BetterVue screens are fiberglass mesh and extruded aluminum frame, with water shedding technology, increased strength, and improved visibility compared to standard screens.



**HEAVY-DUTY HANDLE & CRANK**  
Folding down into the operator when not in use, the handle/crank makes opening and closing easily done with one hand.



## CASEMENT PICTURE

Casement Picture windows match the sight lines of Casements and do not open or close.



# AWNING



Crusader® Elite Awning windows are hinged on each side, its bottom swinging outward to open on stainless steel tracks. Awnings offer ample light and ventilation and can be used either alone or with a casement or picture window.

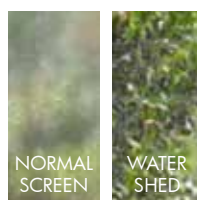
**BULB SEAL**  
Double-barrier protection from water and air infiltration.



**HEAVY-DUTY LOCK HANDLES**  
With simple and smooth lever-action, our heavy-duty die cast zinc locks help keep your home safe.

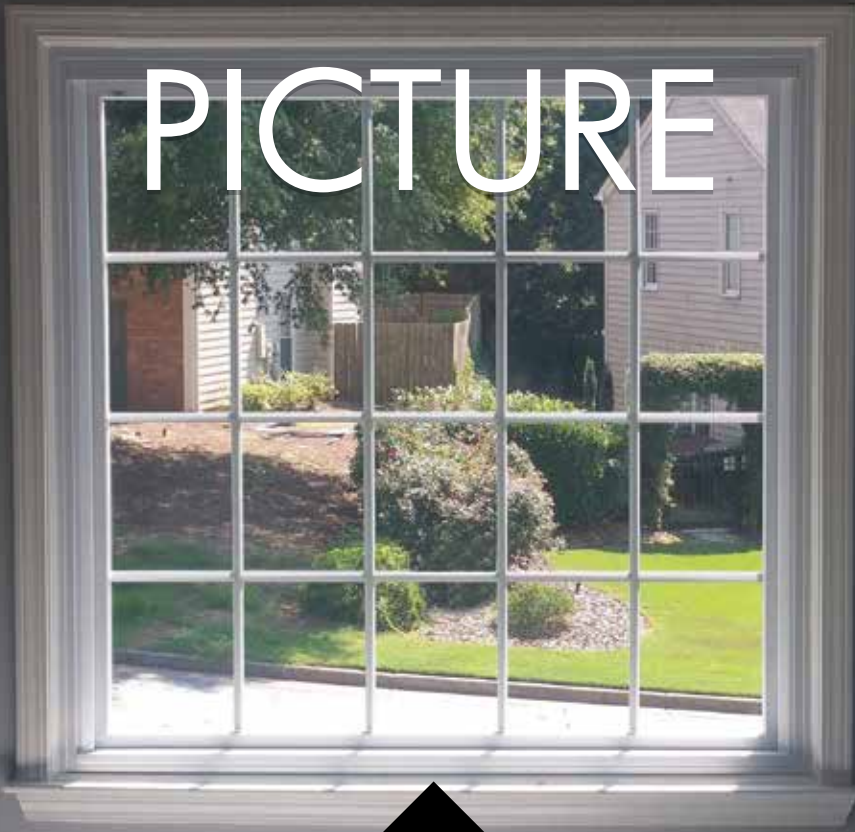


**FULL SCREEN/ALUM. FRAME/WATER SHED TECHNOLOGY**  
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**HEAVY-DUTY HANDLE & CRANK**  
Folding down into the operator when not in use, the handle/crank makes opening and closing easily done with one hand.





# PICTURE



TYPE

GLASS

COLOR

GRIDS

PICTURE | PREMIUM DOUBLE STRENGTH | WHITE | COLONIAL CONTOUR



# CASEMENT PICTURE



TYPE

GLASS

COLOR

GRIDS

CASEMENT PICTURE | PREMIUM DOUBLE STRENGTH | COCOA/WH | NONE

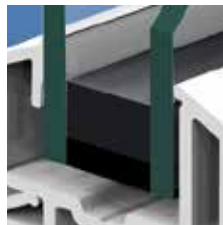
# PICTURE



Like a picture frame, Crusader® Elite Picture windows highlight your beautiful scenery, letting in the natural light and providing an attractive view of the outdoors. Pictures are characterized by clean aesthetic lines, and are an excellent complement to Crusader® Elite Double Hung windows.

## FEATURES

**PREMIUM DOUBLE STRENGTH GLASS**  
Standard throughout this series.



**100% VIRGIN VINYL**  
Maintenance-free frames, with fusion welded corners for increased structural integrity, exceeds the strength of ordinary designs.

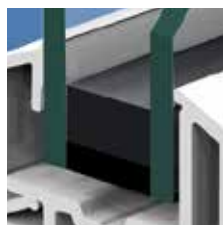


# CASEMENT PICTURE

Crusader® Elite Casement Picture Windows match the sight lines of Casement windows to pull together a complete look for your home. Casement Pictures do not open or close and are designed to provide an unobstructed view of the outdoors.

## FEATURES

**PREMIUM DOUBLE STRENGTH GLASS**  
Standard throughout this series.



**100% VIRGIN VINYL**  
Maintenance-free frames, with fusion welded corners for increased structural integrity, exceeds the strength of ordinary designs.



# OPTIONS

**COLOR** STANDARD VINYL\* | EXTERIOR PAINT Due to the effects of heat, light, age and the printing process, samples shown here may vary slightly in color or sheen from the actual materials.



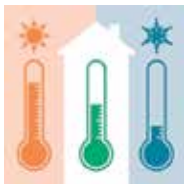
**GRIDS** CONTOUR (C), MATCH WINDOW COLOR | FLAT (F), WHITE/ALMOND/COCOA | ELITE (E), PEWTER OR BRASS



## PERFORMANCE



Continuous commitment to environmental conservation and energy efficiency are key ingredients in our product offering. We work toward this goal by partnering with Energy Star and offering packages that increase the energy efficiency and performance of all our products. Environmental awareness is at the forefront of our work from design to the innovative creation of manufacturing practices which are aligned with our Core Values. For full NFRC information pertaining to products within this series and specific to your geographic location please visit [NBPwindows.com/learn/energy-efficiency](http://NBPwindows.com/learn/energy-efficiency)



"ENERGY STAR® is the government-backed symbol for energy efficiency, providing simple, credible, and unbiased information that consumers and businesses rely on to make well-informed decisions." [energystar.gov](http://energystar.gov)

"The National Fenestration Rating Council is a non-profit organization that establishes objective window, door, and skylight energy performance ratings to help you compare products and make informed purchase decisions." [nfr.org](http://nfr.org)

### R5 ULTRA PACKAGE

- 1 SOFT-COAT LOW-E PANE
- 2 ARGON GAS
- 3 FOAM ENHANCEMENT
- 4 LOW-E PYROLYTIC HARD-COAT PANE

### ENERGY PACKAGE

- 1 SOFT-COAT LOW-E PANE
- 2 ARGON GAS
- 3 FOAM ENHANCEMENT

### LOW-E/ARGON PACKAGE

- 1 SOFT-COAT LOW-E PANE
- 2 ARGON GAS

## ADDITIONAL



### NEW CONSTRUCTION

Employ a specialized master frame designed to facilitate installation into your new home. The integrated J-channel and nailing fin help the builder install with a better and more secure fit.



### FULL SCREENS

Upgrade half screen to full screen, to be able to fully vent window. (Picture: no screen; Casement/Awning: standard full screen.)



### SPECIALTY GLASS

For added privacy Northeast offers a premium quality obscure glass as an option. For additional peace of mind, Northeast also offers a specially tempered safety glass.



### FACTORY MULLING

Northeast offers a zero-degree mulling system with factory sealed joints and steel plates at both the top and bottom of the window for added strength.



### CUSTOM SHAPES

For the ultimate in style, design and individuality, Northeast offers a full line of specialized window shapes and sizes, custom made to fit your home's unique character.



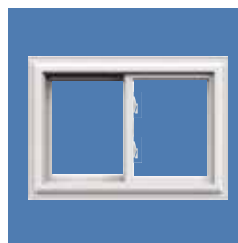
### EXTENSION JAMB

Add an extension jamb to fill the depth of the wall space from the inside face of the window frame to the interior wall.



### ORIEL STYLE/COTTAGE CONFIGURATIONS

Oriel style windows feature unequal sash configurations. This allows for a distinctive, customized look that will set your windows apart.



### DOUBLE LOCKS

Add a second lock to your window for increased security. (Double Hungs: double locks standard).

SINCE 1975.



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**TOP 100**  
Manufacturers **WindowDoor**

