



Vinyl  
**WINDOWS**

[POLARISWINDOWS.COM](http://POLARISWINDOWS.COM)

*The*  
**THERMALWELD<sup>®</sup>**  
**PLUS**  
*Collection*



# ENERGY EFFICIENCY

+ *Ease of Operation and Ownership*

## Welded Frame & Sash Corners



Fusion welded frame and sash corners are strong and free from gaps.

Integrated Extruded Pull Rails are part of sash extrusions, not added later.

Heavy Duty Cam-Style Locks & Keepers secure and air-tight seal



Satin nickel, brass and aged bronze finishes available\*



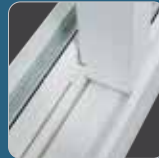
energySMART® Insulated Glass

Standard Roller Tilt® True Position Balance System: Springs travel with the sash. This allows the sash to operate with significantly less friction and noise.

Sash Limit Locks limit sash travel + secure partial opening

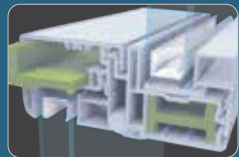


double hung

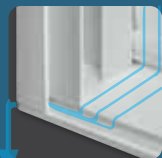


glider

Continuous Over / Under Interlock & Weather-Stripping prevent air infiltration across entire meeting rail



Innergy™ at meeting rails\*

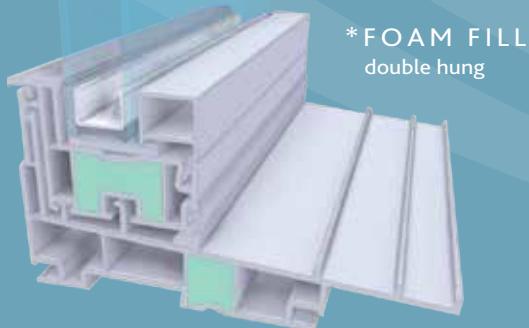


True sloped sill for positive water drain off, no weep holes to clog

\*options



Double Hung



\*FOAM FILL double hung

## Benefits of Our Window

Our extrusions are fusion welded at every corner to create seamless and strong windows.



Windows that qualify as Most Efficient are windows with the Ultimate® glass package. Ask your sales rep for more information.

## Maintenance Free

The vinyl formulation maintains its color and smooth surface.

## Multi-Chamber Extrusions

Interior walls add strength. These walls and air chambers between further improve insulating properties.

## Casement

Sash cranks fold into base for a clean look. Sash opens fully with just a few turns.

These windows are triple sealed against the weather and can be safely cleaned inside the home. Hinged side of sash slides away from frame when fully opened. \*Corner Drive hardware optional.



Corner Drive hardware optional.\*

Heavy duty casement mechanism. Right: Black Interior Cap and Black Interior/Exterior Cap is only available on Casements, Awnings and Casement Picture Window.





### Gliders • 2+3 Lite

Sash lift out from inside for easy cleaning.  
 2 lite - half screen  
 3 lite - active panel screen[s]

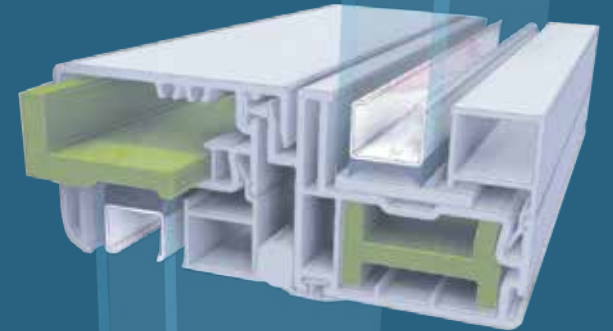


### Awning

Enjoy fresh air even on rainy days.

## \* Innergy®

- Innergy is the innovative, energy-efficient alternative to aluminum.
- Rigid Thermal Reinforcements are advanced fiberglass reinforced resin inserts, designed to slide easily into window chambers for greater support and insulation.
- Better Thermal Performance  
Up to 700 times better than aluminum in material-to-material comparisons.
- Better Thermal Break  
Impervious to cold or heat.
- Better protection against condensation  
Helps prevent staining that can occur with metal reinforcements.
- Better flexibility  
Will not permanently set when impacted.



The name and logo of Deceuninck NV, of its affiliated companies and the products and services manufactured by them, are trademarks protected by national and international laws. Innergy is a registered trademark of Deceuninck North America. The color GREEN is a trademark of Deceuninck North America LLC.

## Screen Options

- Strong, extruded aluminum frame in white or tan
- Half screen Standard • Aluminum Screen Mesh\*
- Available in Pet Screen\* and Full Screen\*



### \* BetterVUE®



#### BetterVUE® Screen Mesh

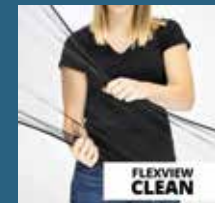
- Better Insect Screen
- 10% Better Insect Protection
- 20% Better Airflow
- 20% Clearer View

### Standard



#### Standard Screen Mesh

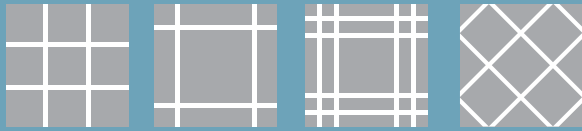
- Sight more obstructed
- Less Airflow than BetterVue Screens
- Proven and Reliable



\*options

**Decorative Glass\***

Designs



colonial      prairie style      double prairie style      diamond  
n/a contour or brasses

**Plated Lock Finishes\***



antique brass      satin nickel      bright brass      aged bronze      black      coppertone



**Internal Muntin Styles**



smooth      contour      antique brass      satin nickel      slim line brass      view      floral view      elongated floral view      obscure      glue chip      rain glass

view glass 3/8" v-groove, interior surface of glass unit pane

**Colors\***

Vinyl



white      tan

**Interior Woodgrain Laminate**

Coppertone hardware is standard on woodgrains



medium oak      cherry      vintage pecan      dark oak

**Exterior Laminate\***



wicker      choco brown      bronze      coal black

20 Year Warranty against fading, peeling or blistering

**Miniblinds\***



white      alabaster      tan      silver      gold

Please refer to actual color samples for true product representation.

**Exterior Paint\* 20 Year Warranty Against fading, peeling or blistering**



Lead time 4-6 weeks ± Muntin color may be affected by glass coatings, such as Low-E. Coil not exact match \*Options Colors shown are reproduced by mechanical process and may vary from actual colors of product. Use actual color selector.

**RESEARCH & DEVELOPMENT**

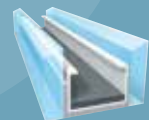
Polaris products are scrutinized under extreme weather and structural stresses at the Polaris in-factory testing facility. Our R&D Department ensures that our products feature the latest industry innovations. Top quality and integrity are guaranteed.



**MORE GLASS OPTIONS** Bronze or Gray tint

**ENERGY EFFICIENT GLASS**

energySMART®glass is standard in every Polaris®window. These insulated glass (IG) units are panes of glass sealed onto the Intercept® U-shaped steel spacer. Together, the spacer and sealant block temperature transfer and reduce condensation. We also offer many high-performance energySMART upgrades. Low-E coating reduces ultra violet light damage and heat gain. Triple pane IG units have sound deadening properties. Argon or krypton gas fill between panes further reduces temperature transfer. Ask about ENERGY STAR qualified upgrades.



*Ask About Our Glass Breakage Warranty*

©ThermalWeld Plus® and energySMART® are registered trademarks of Polaris® Windows & Doors OH, USA 2024. All other trademarks are property of their respective owners. Stock Photography is used in this brochure. These photographs are not exact replicas of Polaris® Windows & Doors products.

\*options