



The **THERMALWELD[®]** *Collection*
PLUS VINYL WINDOWS



ENERGY EFFICIENCY

Ease of Operation + 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 Patented Roller Tilt® ¾" Constant Force 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

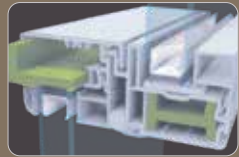


double hung

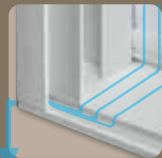


glider

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

Shown here in Bronze Exterior Laminate (full screen required on painted and laminate windows).



Windows that qualify as Most Efficient are windows with the Ultimate² and Ultimate Plus² glass packages. Ask your sales rep for more information.

Benefits of Our Window

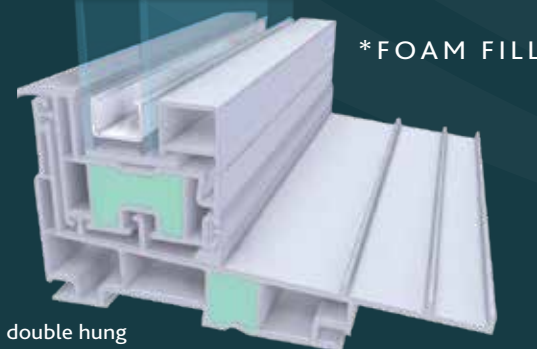
Our extrusions are fusion welded at every corner to create seamless and strong windows.

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.



*FOAM FILL

double hung

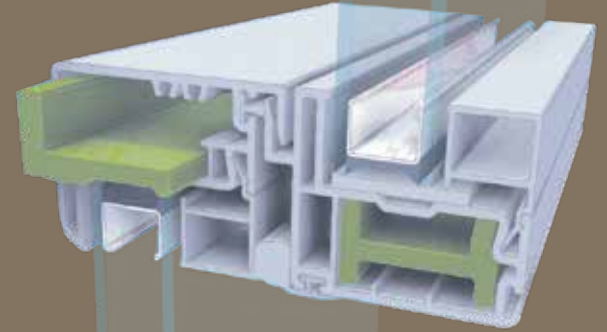
Casement

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.



***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.



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

***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

Screen

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



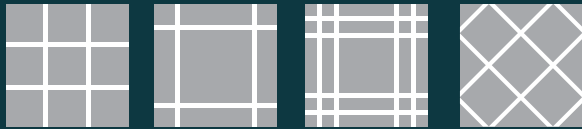
Awning
Enjoy fresh air even
on rainy days.

Ask for a ThermalWeld Plus® Patio Door brochure

*options

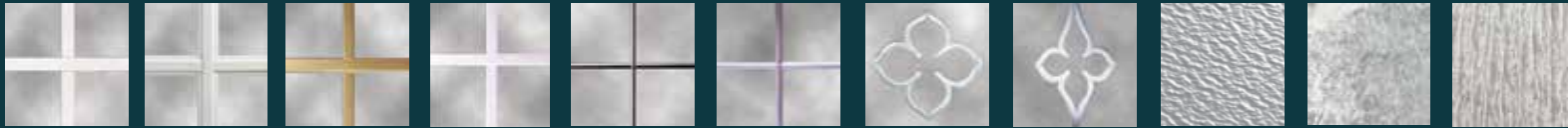
DECORATIVE GLASS*

Designs



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

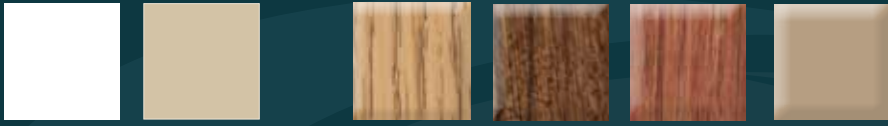
Internal Muntin Styles



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

COLORS*

Vinyl



white tan medium oak cherry vintage pecan coppertone hardware standard on woodgrains

Interior Woodgrain Laminate

New! Exterior Laminate 20 Year Warranty Against fading, peeling or blistering*



wicker choco brown bronze coal black

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.

PLATED LOCK FINISHES*



antique brass satin nickel bright brass aged bronze

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



RESEARCH & DEVELOPMENT

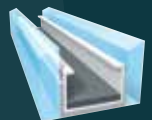
Polaris products are scrutinized under extreme weather and structural stresses at the Polaris in-factory testing facility. Our R&D Department ensures that our products feature the latest industry innovations. Top quality and integrity are guaranteed.



MORE GLASS OPTIONS Krypton fill, 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

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*options