



POLARISWINDOWS.COM



THE *ThermalWeld*[®] COLLECTION
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



brass finish available*



7/8" energySMART® Insulated Glass

True-Position® Balance System
1/2" stainless steel coil springs roll and unroll along frame; silent, easy operation, never slip.

Sash Limit Locks limit sash travel secure partial opening



double hung

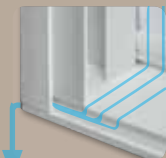


glider

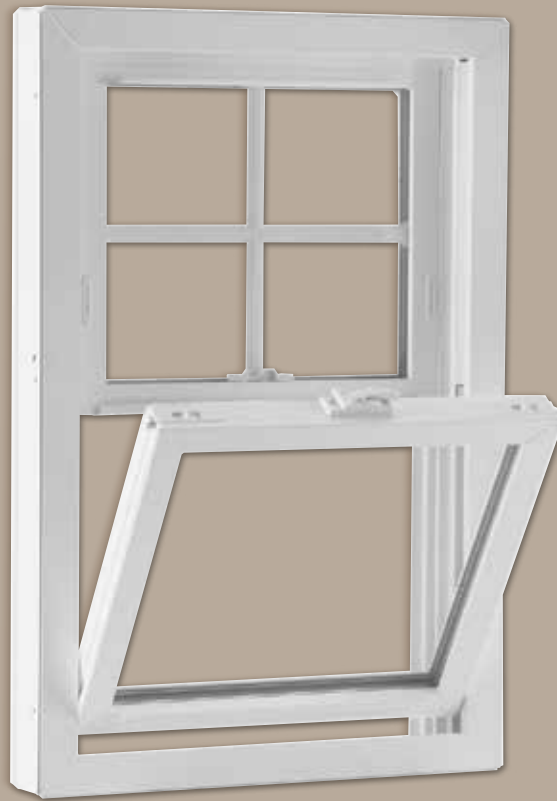
Continuous Over/Under Interlock & Weather-Stripping prevent air infiltration across entire meeting rail



Aluminum Reinforced meeting rails*



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



BENEFITS OF OUR WINDOW

Our extrusions are ULTRA-WELDED at every corner to create seamless and strong windows.

MAINTENANCE FREE

The vinyl formulation maintains its color and smooth surface.

ENERGY EFFICIENT

Vinyl itself is not a thermal conductor.

MULTI-CHAMBER EXTRUSIONS

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



GLIDERS

2+3 LITE

Sash lift out from inside for easy cleaning.

Sash glide easily on brass rollers.

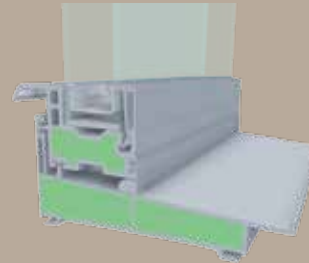
2 lite - half screen

3 lite - active panel screen[s]

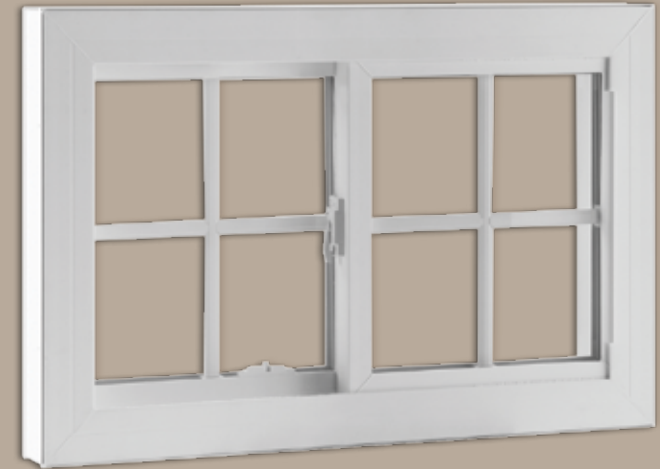
DOUBLE HUNG

Recessed tilt latches allow both sash to tilt in completely for easy cleaning.

FOAM FILL*



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



A UltraVUE®

SCREEN

UltraVUE® Screen Mesh (A)

Innovative Insect Screen.

- 25% Better Airflow
- 25% Clearer View

BetterVUE® Screen Mesh (B)

Better Insect Screen

- 10% Better Insect Protection

- 20% Better Airflow

- 20% Clearer View

Standard Screen Mesh (C)

- Sight more obstructed

- Less Airflow than UltraVue & BetterVue Screens

- Proven and Reliable

Strong, extruded aluminum frame in white or tan

Glides on 1 1/4" steel rollers.

Half screen Standard

Also available in Pet Screen*

Aluminum Screen Mesh*



B BetterVUE®



C Standard



ThermalWeld®

ThermalWeld®

HOPPER

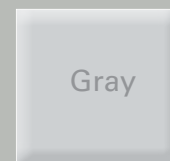
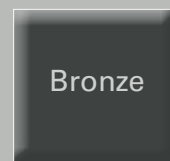
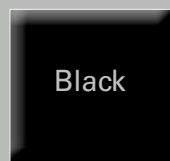
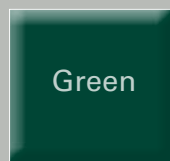
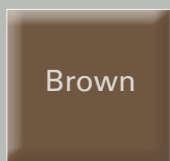
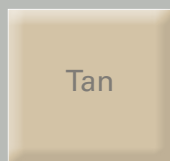
Upgrade and modernize your basement.



EXTERIOR PAINT* 20 YEAR WARRANTY against fading, peeling or blistering

Unique, high-performance exterior coating specially formulated for PVC
Semi gloss finish • Color matched contour internal grids, caulk & coil†*
Painted screen frames • Crack & impact resistant • Touch-up paint included
AAMA testing ensures that coating resists strong solvents, heat gain and thermal shock.

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.



ACCORDING TO THE U.S. DEPARTMENT OF ENERGY

windows could account for 10% to 25% of a home's energy bill.
Using ENERGY STAR® windows manufactured with Low-E glass and argon gas to
replace your single pane clear glass windows will reduce energy consumption.

INNERGY®

• Innergy is the innovative, energy-efficient alternative to aluminum.

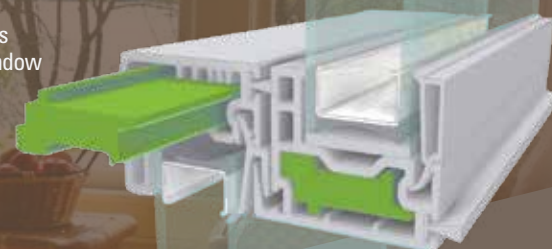
• Rigid Thermal Reinforcements are advanced fiberglass reinforced resin inserts, designed to slide easily into window chambers for greater support and insulation.

• 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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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 for a ThermalWeld®
Patio Door brochure

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

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

MORE GLASS OPTIONS

Krypton fill

Bronze or Gray tint

Heat Mirror™

Low-E film fixed between glass panes

SC75 & HM88

Argon fills both air spaces

SC75 S & HM88 S

Argon fills both air spaces+Low-E Glass



LIFETIME LIMITED TRANSFERABLE WARRANTY & SERVICE

We proudly stand behind the quality of our products. In the rare event that your product would need service, our factory trained service professionals are solely dedicated to serve you.

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.

COLORS

vinyl



white



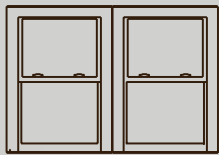
tan

interior woodgrain

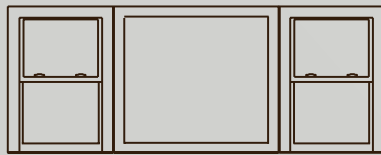


medium oak on white

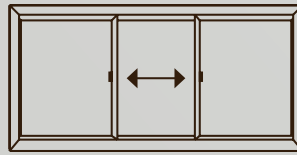
Ask About Our GLASS BREAKAGE WARRANTY



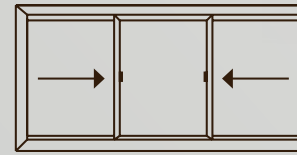
twin double hung



center picture window double hung flankers



3 Lite Glider 1/3-1/3-1/3 center vent



3 Lite Glider 1/3-1/3-1/3 end vents



3 Lite Glider 1/4-1/2-1/4 end vents

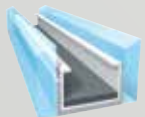


NAMI
Certified



ThermalWeld®

Made in the USA



*options