



THE *ThermalWeld*[®] COLLECTION
VINYL WINDOWS + PATIO DOORS
polaristechnologies.com

ThermalWeld

ENERGY EFFICIENCY - EASE OF OPERATION + OWNERSHIP



Welded Frame & Sash Corners strong & seamless

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*



Strong, Extruded Aluminum Screen Frame fiberglass mesh Full screen* Aluminum or Pet mesh* *options



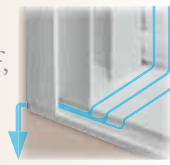
OPTIONS Please refer to back cover for internal muntins, glass and vinyl choices.

Sample size windows shown with contour colonial grid option.

DOUBLE HUNG

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

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



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]

BENEFITS OF POLARIS® VINYL

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

MAINTENANCE FREE

Our 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.



Ask for a ThermalWeld® Patio Door brochure



Polaris®

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.

window + door

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.

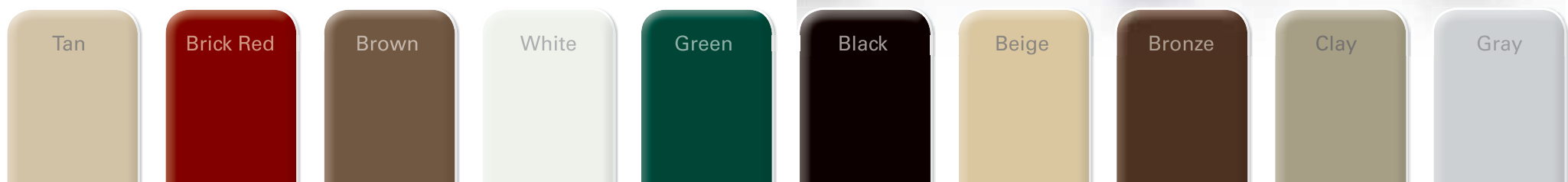
We also offer many high-performance energySMART upgrades. Low-E coating reduces ultra violet light damage and heat gain. Triple pane IG units have sound deadening properties. Argon or krypton gas fill between panes further reduces temperature transfer. Ask about ENERGY STAR qualified upgrades.

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.





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.



energystar.gov

U.S. Dept of Energy
energy.gov

NAMI Certified
National Accreditation
& Management Institute
namicertification.com



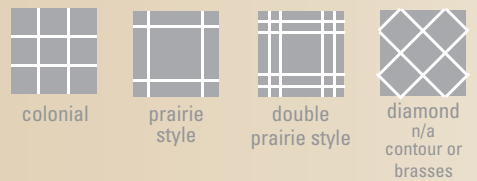
Participant
National Fenestration
Rating Council
nfdc.org



Member
American Architectural
Manufacturers
Association
aamanet.org

DECORATIVE GLASS*

designs



HEAT MIRROR™ GLASS*

Low-E film fixed between two glass panes
SC Argon fills both air spaces
SC-S Argon fills both air spaces
+Low-E glass coating

internal muntin styles



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



WINDOW & MUNTIN COLORS*



+10 painted exterior colors*

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Ask About Our
GLASS BREAKAGE
WARRANTY*

Made in the USA



polaristechnologies.com



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



30% Post Consumer content
Virgin wood legally harvested from sustainably managed forests