

Platinum LS & Envision

PREMIUM WINDOW SYSTEMS



WINDOW NATION FOR YOUR HOME.
BECAUSE IT'S WHERE YOU LIVE.


WINDOW NATION
WINDOWS • DOORS • SIDING
www.WindowNation.com

the Window Nation experience



We Solve Problems by Installing Solutions

At Window Nation, our mission is simple – We Solve Problems by Installing Solutions. We do this by offering customized products installed by highly skilled professionals at an unsurpassed value.

Why Have Over 55,000 Homeowners Chosen Window Nation?

Unsurpassed Reputation

- A+ Rating & Fully Accredited with the Better Business Bureau
- 5-Time Angie's List Super Service Award Winner
- Consistently listed as a Top 10 Window Retailer in the US (by Remodeling Magazine)
- Over 10,000 positive online reviews
- Named Dealer of the Year by Window & Door Magazine

Attention to Detail – at All Times

- 60-point factory inspection before windows are shipped
- 18-point installation inspection before windows are installed
- 100% accountability for a properly installed job

Accurate Measurements

- All windows/doors are measured by a Certified Technician, who is trained by the respective manufacturer to ensure even the smallest details are noted
- Measurements are verified 3x before windows are installed
- Windows are measured down to 3mm for a precise fit

Quality of Products and Materials

- We only use premium installation materials, all designed specifically for window/door applications
- All vinyl windows are made using state-of-the-art multi-million dollar robotic machinery specifically engineered for replacement windows
- ENERGY STAR®, NFRC and AAMA tested and rated for maximum efficiency

Experienced Professionals

- Our team only installs windows and doors; They are true experts in their field
- Crew Leaders average more than 16 years of window installation experience
- Certified by numerous window agencies and EPA Lead Safe Certified

97%

SATISFACTION RATING

SURVEYED BY

GUILD QUALITY

**70,000 WINDOWS INSTALLED
LAST YEAR WITH**

99%

REQUIRING NO FOLLOW UP SERVICE

unmatched installation experience



Great windows are only great if they're installed properly. It's critical that all the components that go into your new windows work together – insulation, caulking, sealants, and the window itself.

It Starts With Quality Materials

① **QUAD Low-Expansion Foam**

- Single-component, minimal expansion and low-pressure polyurethane foam specifically designed for replacement window applications
- Ideal foam for sealing gaps, cracks, holes or voids around windows
- Closed-cell structure of this material provides an R-factor of 5 per inch of cured foam, making it an efficient method for stopping air and moisture infiltration

② **OSI® QUAD MAX® Window, Door And Siding Sealant**

- Unique multi-polymer formula specially engineered for premium replacement window installations
- Permanently flexible, will not crack or split even in extreme temperatures
- Water-resistant, all-weather applications, sticks to wet surfaces, no water washout
- Excellent UV resistance; will not crack or yellow

③ **Quality Edge No-Mar Coil Systems**

- Outperform PVC and Poly Coil finishes in the ASTM physical tests performance
- Features a finish with 8 mils of paint; that's twice the amount of paint used by most trim coil manufacturers
- Scratch resistant, stain inhibitors, better UV protection and harsh-climate coating
- Color selection - available in 30 unique color choices

④ **Concrobium Mold Control Spray**

- Innovative, market-leading product that effectively eliminates existing mold, prevents mold re-growth and eliminates musty odors with no harmful chemicals
- Effectively eliminates and prevents mold with no bleach, ammonia or VOCs
- Works as it dries by crushing the mold spores at the roots, leaving behind an invisible antimicrobial barrier to prevent future mold growth



Platinum LS

triple-pane windows from Window Nation

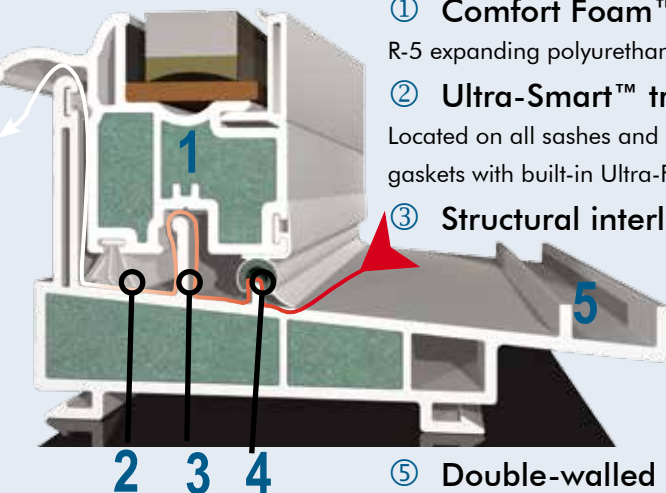


- 1 Fusion welded, uPVC frame and sashes provide long-lasting strength and durability. This material will never rot like wood windows or corrode like metal windows and will require little to no maintenance.
- 2 Balance cover provides a cleaner, more finished appearance.*
- 3 Soft-Vent, when deployed, will limit sash travel while still allowing ventilation.
- 4 Endura-Force™ balance system ensures smooth, easy and maintenance-free operation on double hungs.*
- 5 Smooth-n-Easy integral lift rail features beautiful, yet comfortable, ergonomic design.
- 6 Metal-free Super Spacer® offers enhanced thermal efficiency and other unique benefits.*
- 7 Tight mortise-cut, double-wall sill dam extends inside the jamb for better protection against air and water infiltration.*
- 8 K-Beam Thermal Reinforcement with Kevlar in the sash keeper rail improves strength, energy efficiency and durability.*
- 9 Recessed Locking Hardware provides a sleek, low-profile appearance for enhanced beauty—while still offering intruder-resistant security.

* Feature not shown in photo

AAMA Gold Label Certification	
Air:	0.02 cfm at 25 mph — 15 times better than industry minimum of 0.30 cfm
Water:	LC55 56 mph — 8" rain per hour — 70% over industry minimum 33 mph
Structural:	DP 65 195 mph

Platinum LS Dura-Sill Design



- 1 **Comfort Foam™:**
R-5 expanding polyurethane foam insulates sash and frame extrusions, improving overall thermal efficiency.
- 2 **Ultra-Smart™ triple-fin weather stripping:**
Located on all sashes and at the interlocking meeting rail, Ultra-Smart features Ultrafab® Tri-Fin® Gold Series gaskets with built-in Ultra-Fresh antimicrobial protection to minimize drafts, dust and pollen.
- 3 **Structural interlock in bottom sash:**
Our interlocking sill-sash rail keeps the sash in place against the sill dam weather stripping when the window is under extreme wind-load stress.
- 4 **Soft-Seal™ straddle gasket:**
Our Q-Lon® compression gasket system straddles the sill rail when the sash is locked shut to add barriers and diversions for exceptional water resistance.
- 5 **Double-walled sill dam:**
Tight, mortise-cut, double-wall sill dam extends inside the window mainframe for uniform strength and seal.

Platinum LS

glass & product options



TRIPLE EXTREME HIGH-PERFORMANCE GLASS

Platinum LS Windows come standard with the technologically advanced Triple Extreme glass system**. Triple Extreme features two high-performance Low-E coatings, metal-free Super Spacer™ system and argon gas—a combination that will provide the best possible thermal performance for your home and save you money on energy costs!



KEY BENEFITS

- Superior energy efficiency ratings that far exceed the 2016 ENERGY STAR® requirements and reduce the likelihood of condensation.
- Superb UV protection against fading of furnishings and wood floors and significant reduction in exterior sound.
- Three panes of glass, super-strong frames and exceptional locking hardware for enhanced security and protection against intrusion.



ENERGY STAR® Certified in All 50 States

Certified

NFRC
National Fenestration Rating Council®

WINDOW NATION
VINYLS • DOORS • SIDINGS

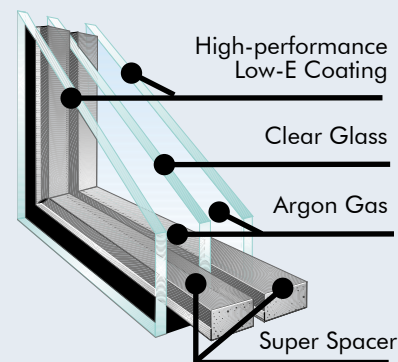
VINYL DOUBLE HUNG IMPERIAL LS
Triple Glazing, Argon Fill, Low-E

ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.20	0.24

ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Condensation Resistance
0.40	71

Manufacturer requires that these ratings conform to applicable NFRC procedures to determine which product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not warrant any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information. www.nfrc.org

TRIPLE EXTREME GLASS*



The above values are for a Platinum LS double-hung window with two Low-E coatings, featuring single-strength glass, Super Spacer, argon gas and without grids.

*NFRC rating may vary, depending on the window operating style, glass option, and size of the window.

** Triple-pane glass not available in tempered or decorative glass.

OPTIONS FOR CUSTOMIZATION

Window Nation also offers you countless ways to custom design your new Platinum LS Windows to match your home. You can choose from a wide array of product options, including the following:



Standard Interior/Exterior Vinyl Colors



Interior Woodgrain Colors

Maintain the historic beauty of your home, and achieve the look of true colonial-style windows, with strikingly beautiful SDLs—contoured grids applied to both the interior and exterior panes of Imperial LS windows.



Flex Screen features a cutting-edge, PVC-coated, high-performance spring steel frame. It is hidden in the window or door screen pocket, making it beautifully invisible and drastically improving sight lines. (Optional upon request.)



Exterior PVC Bond Colors

Beige*	Light Oak	Cherry
Soft-White™	Medium Oak	Brazilian Cherry

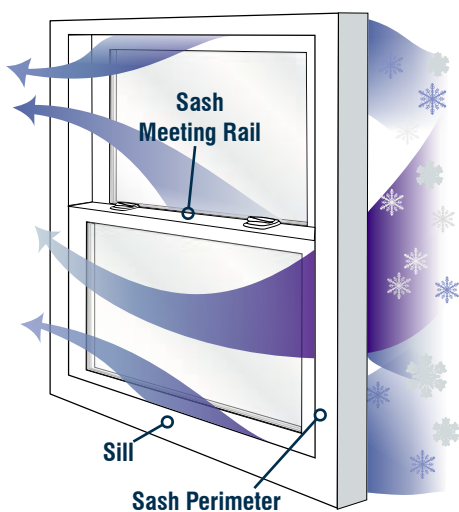
*GARDEN WINDOWS NOT AVAILABLE IN BEIGE OR WOODGRAINS.

PRINTED IMAGES OF COLORS VARY. SO PLEASE ASK YOUR WINDOW PROFESSIONAL TO SEE ACTUAL SAMPLES.

Champagne 10	Sandstone 37	Gray 39	Forest Green 78	Royal Brown 24
Almond 20	Sierra 83	Terratone 53	Rosewood 57	Black 09
Coastal Dune 08	Colonial Ivory 32	Bronze 21	Wedgewood Blue 93	

Why Do Windows leak air?

POINTS OF AIR INFILTRATION



Poorly designed windows don't have the built-in airlocks, weather stripping, and barriers necessary to keep air from forcing its way in. Without these design features, air will push between the sash meeting rails and around the sash perimeter where it meets the frame and sill.

We know how uncomfortable a home with leaky windows will be. So we loaded Platinum LS and Envision windows with weather barriers that go far beyond the industry standard and other manufacturer's window designs.

Before Investing in New Windows, Always Compare the Air Infiltration Ratings.

Facts You Should Know

The lower the CFM Rating...

- the less outside air will leak into your home.
- the more comfortable your home will be with fewer drafts.
- the less your furnace will run & the more money you'll SAVE.
- the smaller your carbon footprint.

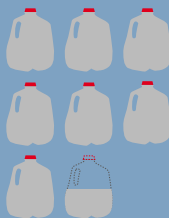
Air Infiltration comparison

12oz SODA CANS

CFM = GALLONS =

(Cubic Foot per Minute)

1 CFM
of air leakage per minute



7.5 gallons
of air per minute



80 soda cans of
air per minute
(960 oz/min)

INDUSTRY STANDARD*



2.25 gallons
of air per minute

.30 CFM
of air leakage per minute



24 soda cans of
air per minute
(288 oz/min)

Traditional Wood Residential
Double-Hung Windows
(Pella®/Marvin®/
Jeld-Wen®/Andersen®)



1.725 gallons
of air per minute

.23 CFM
of air leakage per minute



18.4 soda cans of
air per minute
(220.8 oz/min)

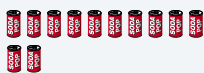
Industry Average Range
from 0.12 CFM to 0.30 CFM**

Traditional Vinyl Residential
High-Performance
Double-Hung Windows
(Alside®/Simonton®/Champion®)



1.125 gallons
of air per minute

.15 CFM
of air leakage per minute



12 soda cans
of air per minute
(144 oz/min)

Industry Average Range
from 0.11 CFM to 0.21 CFM**

**Envision
VINYL WINDOWS**



0.45 gallons
of air per minute

.06 CFM
of air leakage
per minute



4.8 soda cans of
air per minute
(67.2oz/min)

**PLATINUM
LS**



0.15 gallons
of air per minute

.02 CFM
of air leakage per minute



1.6 soda cans
of air per minute
(19.2oz/min)

***INDUSTRY STANDARD:** AAMA® (American Architectural Manufacturers Association®) has set the Industry Standard for Maximum Allowable Air Infiltration at 0.30 CFM (Cubic feet per minute) during a 25 MPH wind. This is equal to 2.25 gallons or 24 soda can of air leaking through the window every minute!

**References valid as of October 1, 2010 based on our competitor's web sites and independent testing.



Envision and Platinum LS Windows proudly carry the AAMA Gold Label, which means that they meet stringent performance standards for air, water and structural load.

Envision

double-pane windows from Window Nation



- 1 Reinforced Fiberglass Composite in meeting rail and bottom sash rail adds strength*
- 2 Dura-Sill™ Engineered Sloped Sill creates strong bond between sill and jamb for maximum weather protection*
- 3 Super Spacer® metal-free spacer system enhances thermal properties *
- 4 Soft-Seal™ Straddle Gasket one of several tight barriers and diversions built into Dura-Sill™ to deter air and water infiltration*
- 5 Dual-Fin, Wool-Pile Weatherstripping wraps sash perimeter to minimize air infiltration
- 6 Comfort Foam™ green filled frames and sashes provide greater insulating value*
- 7 Cam-Action Lock pulls sashes tightly together to inhibit air infiltration
- 8 Certa-Force™ Balance System provides maintenance-free, corrosion-proof, smooth and easy lift action
- 9 Balance Cover provides finished aesthetic appeal*

* Feature not shown in photo

AAMA Gold Label Certification	
Air:	0.06 cfm at 25 mph — 5 times better than industry minimum of 0.30 cfm
Water:	R40 48 mph — 8" rain per hour — 4.5% better than industry minimum 33 mph
Structural:	DP 40 153 mph — 62% stronger than industry minimum 94 mph

Envision Outperforms Others



Other Windows



Envision Windows

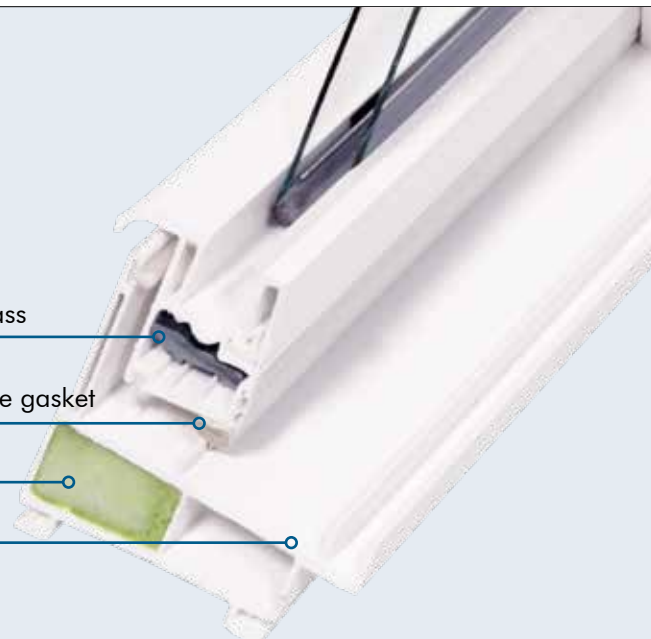
The narrow-line frame of Envision provides more viewing area.

Reinforced fiberglass

Soft-Seal™ straddle gasket




Comfort Foam™

Dura-Sill™

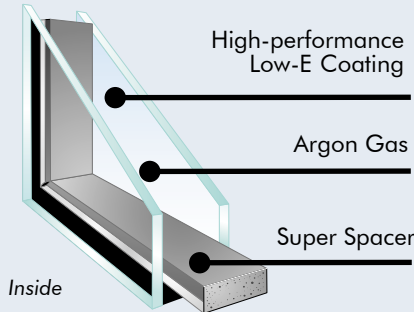


HIGH-PERFORMANCE EXTREME GLASS

Envision Windows come standard with our Extreme glass, which incorporates two panes of glass, a high-performance Low-E coating, metal-free Super Spacer System and argon gas. This glass system will significantly enhance the comfort in your home and help save you money on your home energy costs! If you wish to upgrade, Window Nation offers numerous double and triple glass options to choose from.

ENERGY STAR® Certified in Highlighted Regions	
	
	
VINYL DOUBLE HUNG ENVISION Double Glazing, Argon Fill, Low-E	
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.27	0.29
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Condensation Resistance
0.55	60
<small>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining window product performance. NFRC ratings are determined by a third-party environmental laboratory using a specific product size, fabric, and/or treatment on any product, and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information.</small>	

EXTREME GLASS*



These values are for an Envision double-hung window with Low-E, featuring single-strength glass, Super Spacer, argon gas and without grids.

*NFRC rating may vary, depending on the window operating style, glass option and size of the window.



OPTIONS FOR CUSTOMIZATION

Window Nation also offers you countless ways to custom design your new Envision Windows to match your home. You can choose from a wide array of product options, including the following:

Standard Interior/Exterior Vinyl Colors



*GARDEN WINDOWS NOT AVAILABLE IN BEIGE
** BROWN IS AAMA SILVER LABEL RATED

PRINTED IMAGES OF COLORS VARY. SO PLEASE ASK YOUR WINDOW PROFESSIONAL TO SEE ACTUAL SAMPLES.



Internal grids will give your Envision Windows the look and feel of true divided-lite windows—without the hassles! Because they're between the glass panes, these grids allow for easy cleaning. Our exquisitely beautiful grids are available in both a contoured or flat design and with several distinctive patterns.



Flex Screen features a cutting-edge, PVC-coated, high-performance spring steel frame. It is hidden in the window or door screen pocket, making it beautifully invisible and drastically improving sight lines. (Optional upon request.)

garden

windows from Window Nation



WINDOW NATION
WINDOWS • DOORS • SIDING

GARDEN WINDOWS

Garden windows are the perfect showcase for plants, kids' projects, or glass art. These windows are specially designed to combine classic clean lines with a structural design that assures lasting durability.

- Large mull profiles
- 100%, virgin lead-free vinyl
- Fusion-welded sash design
- Super Seat™ R-9 seat achieved by 3/4" exterior-grade, color-matched factory capped plywood; 1" polyisocyanurate foam insulation; and 1.25" hard-wood veneer furniture grade interior.
- Optional glass shelf
- Optional 1/4" thick Du Pont Corian Seat Insert that is impact resistant and impervious to water and scratching. Available in six decorator colors: Cameo White, Primrose, Sandstone, Beach, Malachite and Dusk.
- Birch (standard) or oak (optional) head, seat and jamb.



bay and bow

windows from Window Nation



ENHANCE ANY ROOM WITH THE THREE-DIMENSIONAL EFFECT OF A BAY OR BOW WINDOW

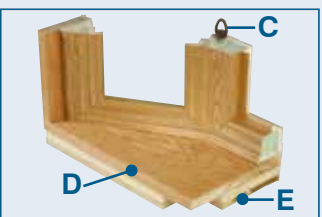
- Your choice of 3- to 6-lite configurations.
- Your choice of 10°, 15°, 30°, or 45° projections.
- Available with operating end casements, double hungs or picture windows.
- Glass options for all bays and bows include high-performance Low-E; Ultra™ triple-glazed; Ultimate™ triple-glazed; tinted and tempered glass.
- Optional contour and flat grids are contained within the insulated glass.

STANDARD BAY/BOW WINDOW CONSTRUCTION FEATURES:



A. Exclusive welded sill pan (highlighted in blue) eliminates water penetration. The unique design provides a built-in weep system and a smooth finish on the exterior surface of the seat board.

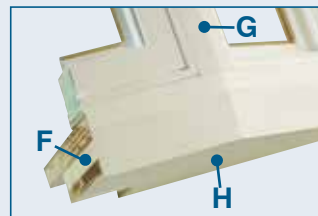
B. All window and mull cavities are insulated completely with Comfort-Foam™ for maximum energy efficiency.



C. Threaded steel rod and chain bracing system provides sag-free support. (Knee brackets must be installed if roof overhang prevents use of chain system.)

D. Factory-finished interior edge banding is beautiful protection for your Super-Seat™

E. 1.25" thick furniture-grade hardwood.



F. Insulated seatboard with 3/4" exterior capped ply-wood. Super-Seat™ Dow® Foam 3" sandwich with R-9 performance for maximum thermal protection; also fights condensation.

G. Mull cover plates ensure no butt-joints to caulk or leak.

H. Factory-capped underside: beautiful lines, consistent water shed.



kingsroyal

patio doors from Window Nation



Window Nation's stylish, durable and energy-efficient sliding patio doors are built tough to operate smoothly and reliably for decades—while still giving your home an elegant, beautiful appearance. What makes these doors truly exceptional is that they balance practicality with the luxury and style you desire.

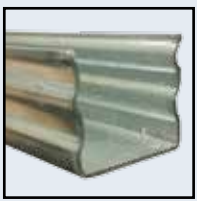


- ① Cove-moulded sash stiles and rails are 3-1/2" wide, which provides for a slimmer-looking sash and allows for more viewing area through the glass.
- ② UltraSmart™ triple-fin weather stripping with UltraFresh™ antimicrobial protection minimizes drafts, dust and pollen, as well as enhances energy efficiency.
- ③ Comfort Foam in the frame, rails and stiles is an excellent insulator that improves the door's thermal effectiveness.
- ④ Available in four durable painted color finishes, each Allure handle set is keyed on the exterior and activates a heavy-duty stainless-steel, two-point locking mechanism.*

* Feature not shown in photo.

.06 Air Infiltration
.28 U-Factor**
.27 SHGC**

** Double-pane glass with Low-E, argon and Super Spacer



Metal reinforcement in all vertical sash stiles makes Kingsroyal doors exceptionally strong and durable.



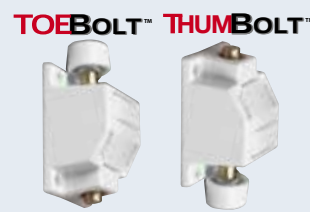
Corrosive-resistant, heavy-duty, ball-bearing 1-1/4" dual wheel keeps your door reliably on track.



Two-point mortise locking system securely locks the door into the jamb.



An aluminum-capped threshold provides durability and longevity.



Heavy-Duty standard ToeBolt™ or ThumBolt™, prevent the door from opening more than 3-inches while still allowing for some ventilation.



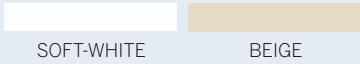
MINIBLINDS BETWEEN THE GLASS

Never clean miniblinds again. No more fussing with shades and blinds. No more hardware screwed into your beautiful wood trim. Internal, hermetically-sealed mini-blinds are the perfect answer for the discerning homeowner. Now you can enjoy all the beauty of your finely crafted door and trim. All Kingsroyal Glide™ doors are available with internal miniblinds in a tilt & lift option. Certain restrictions apply.* Available in white or beige. Not available with grids.

*5', 6', 9' and select custom sizes available with miniblinds.

VINYL COLORS

INTERIOR/EXTERIOR



SOFT-WHITE

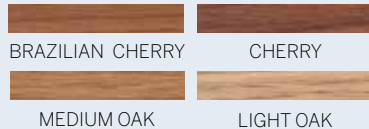
BEIGE

*GARDEN WINDOWS NOT AVAILABLE IN BEIGE OR WOODGRAINS.

PRINTED IMAGES OF COLORS VARY. SO PLEASE ASK YOUR WINDOW PROFESSIONAL TO SEE ACTUAL SAMPLES.

INTERIOR

WOODGRAIN COLORS*



BRAZILIAN CHERRY

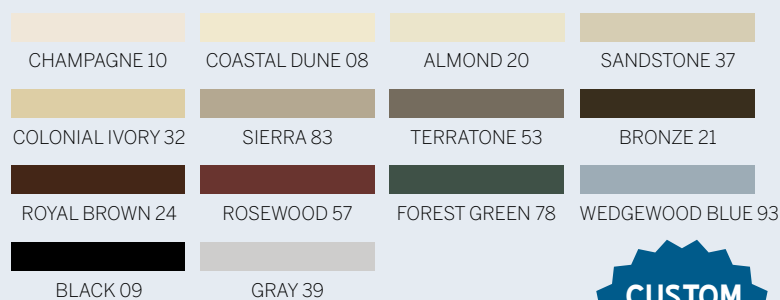
CHERRY

MEDIUM OAK

LIGHT OAK

SURE-COAT

STANDARD EXTERIOR PVC BOND COLORS



CHAMPAGNE 10

COASTAL DUNE 08

ALMOND 20

SANDSTONE 37

COLONIAL IVORY 32

SIERRA 83

TERRATONE 53

BRONZE 21

ROYAL BROWN 24

ROSEWOOD 57

FOREST GREEN 78

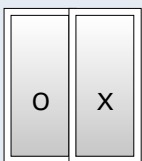
WEDGEWOOD BLUE 93

BLACK 09

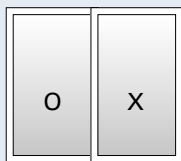
GRAY 39

**CUSTOM
COLORS
AVAILABLE**

CONFIGURATIONS



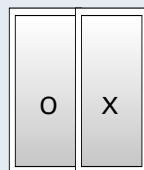
5' x 6'8"
(58 7/8" x 79 1/2")



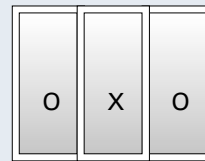
6' x 6'8"
(70 7/8" x 79 1/2")



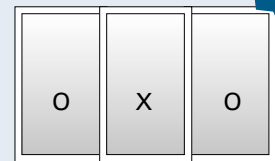
8' x 6'8"
(94 7/8" x 79 1/2")



6' x 7'
Wisconsin Size
Door (76" x 81")



9' x 6'8"
(106 1/4" x 79 1/2")



12' x 6'8"
(142 1/2" x 79 1/2")

"X" designates operating panel. "O" designates fixed panel. All perspectives viewed from outside looking in. Choose your preference of right-hand or left-hand operating panels. Transom & Side-lites available on any size door.

Standard Sizes	2-Panel Door	3-Panel Door	Fixed Lites	Side-lites	Transoms
Width	5'0", 6'0", 8'0"	9'0", 12'0"	custom widths	12, 14, 16, 18" Available in custom width*	
Height	80"	80"	80"	80"	Available in custom height*

*Transom size varies with style.




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WINDOWS • SIDING • DOORS

1.866.60.NATION

1.866.606.2846

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