



## NEW CONSTRUCTION

VINYL WINDOWS & DOORS

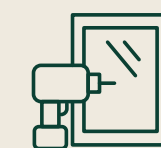




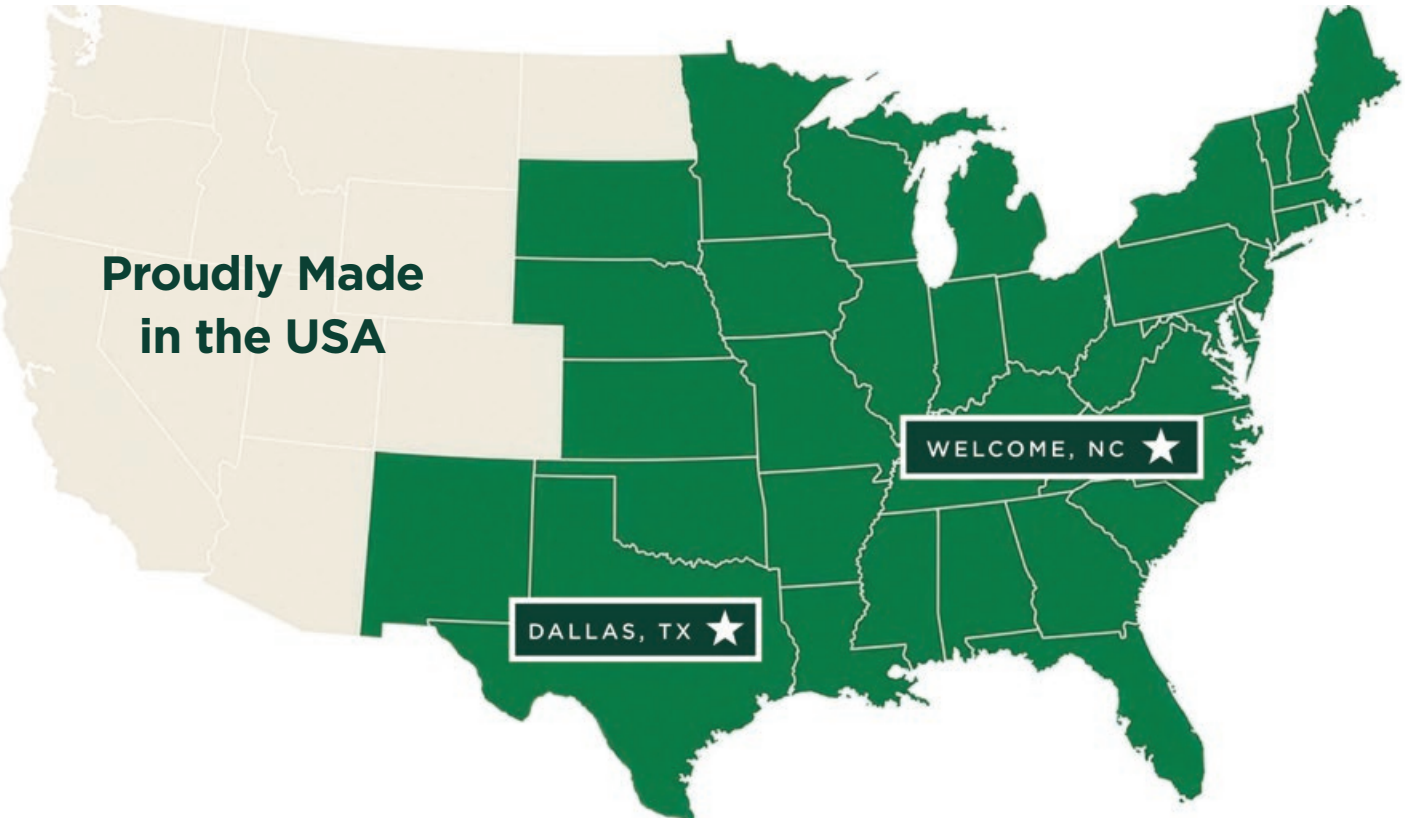
SINCE 1948

## A Commitment to Excellence

Enhance the comfort and beauty of your home with quality-crafted Atrium windows and doors. Built for long-lasting durability, energy efficiency, easy operation and weather resistance, each product is meticulously designed to perform on every level. As part of the Cornerstone Building Brands family, Atrium products are manufactured with the expertise of the nation's leading window and door manufacturer. The result is consistent quality, reliable support and a proven legacy of craftsmanship — giving you confidence that Atrium windows and doors are built to stand the test of time.



**See Our Quality Practices in Action →**





## NEW CONSTRUCTION

VINYL WINDOWS & DOORS

### Engineering Excellence & Tailored for New Construction

Atrium windows and doors for new construction are precision engineered to deliver the stability, quality and energy efficiency that homebuyers value most—complemented by true and lasting beauty. Every Atrium window and door is designed to meet the strictest building codes: yours. They're the perfect choice for your new construction projects.



#### EASY CARE

Our windows tilt in for easy cleaning, and our vinyl never peels, cracks or warps so you can wipe it clean in a snap.



#### ENERGY EFFICIENCY

Options abound to give your customers state-of-the-art energy efficiency, including Low-E glass and Low-E glass with argon gas.



#### EXCEPTIONAL CRAFTSMANSHIP

Practically maintenance-free, Atrium premium vinyl never needs painting or refinishing. The fusion-welded construction bonds the corners for a durable, weather-resistant unit that helps homeowners reduce heating and cooling costs in any season.



#### QUALITY YOU CAN TRUST

Your customers can trust that they're protected by a limited lifetime warranty on frames and sash and 15-year insulated glass protection on each window. See warranty for complete details.

### Fast, Easy Installation

New construction windows and doors have integrated features that ensure smooth, easy installation.

- Pre-punched nailing fins and integrated J-channel design
- Optional factory mulling of twins and triples
- Wood jamb extender options to eliminate "drywall return"
- Special product identification number (PIN) sticker on each product makes ordering replacement parts easy



Pre-punched Nail Fins & Integrated J-channel



3-1/4" Flat Casing with Bull Nose

# Series 5700

VINYL WINDOWS



# Series 130

VINYL WINDOWS

## STANDARD SERIES FEATURES

- **Fully welded** frame and sash corners
- **Built-in accessory channels** accommodate multiple installation options
- **Pre-punched nail fin** makes installation simple
- **1-3/8" Nail-fin** setback for brick veneer construction and select stucco applications
- **Double insulated glass** provides energy saving efficiency
- **Sweep lock** tightly seals the sash for increased weather resistance and security
- **Industry leading .01 cfm/ft air infiltration performance**
- **Dual weather-stripping** helps block air and water infiltration keeping energy-saving comfort inside
- **Modular sized** so that rough opening widths for multiple units are easy to calculate:  
3050 Single = 35.5"  
3050 Twin = 71.5"  
3050 Triple = 107.5"
- **Jamb depth: 2.625"**
- **Limited lifetime warranty** with 15 year insulated glass coverage

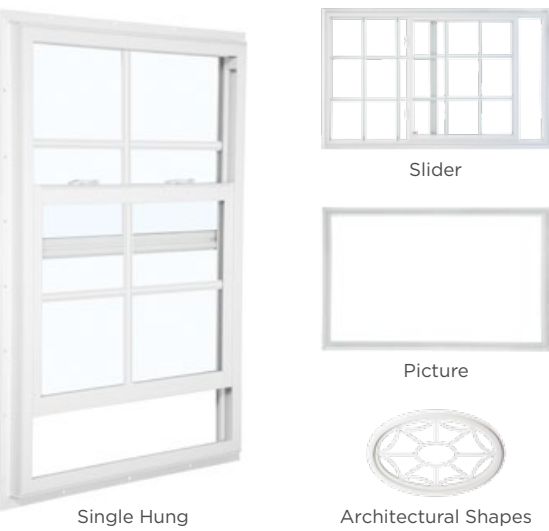
## STANDARD SINGLE HUNG FEATURES

- **Removable side-load bottom sash**
- **Sloped sill** for easy water run-off
- **DP 50 rating** (window size tested 36" x 96")
- **Half screen** installs easily from inside

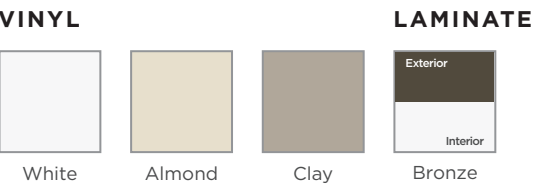
## STANDARD SLIDER FEATURES

- **Metal reinforced meeting rail and sash rail** provide added durability and enhanced security
- **Tandem wheel and axle roller** assemblies ensure smooth, easy operation

## STYLES



## COLOR OPTIONS\*



\* Printing process may affect color shown. Please refer to actual window sample when selecting colors. Only use mild, water based household cleaner on painted product and rinse immediately with water. See full cleaning instructions for details.

## CUSTOM OPTIONS

- **Low-E Glass, Low-E Glass + Argon Gas, & Ultra Low-E Glass + Argon Gas**
- 5/8" or 3/4" flat, and 5/8" or 1" contoured grids available
- Factory mulling of twins, triples and architectural shapes
- Paintable or stainable wood jamb extensions
- Window Opening Control Device (WOCD) restricts sash opening for safety (field applied)
- Custom sizes available

## STANDARD SERIES FEATURES

- **Step bevel design** creates a beautiful exterior appearance
- **Dual Sweep Locks** (standard at 27-1/4" and wider)
- **Insulated glass panels** with optimum thermal air space featuring warm-edge spacer system
- **Aluminum half screen** comes standard
- **Limited lifetime warranty** on frame and sash

## STANDARD SINGLE HUNG FEATURES

- **Bottom sash operates and tilts in** for easy cleaning
- **DP 50 rating** (window size tested 53" x 77")
- **Aluminum reinforcement** standard in lock and meeting rails

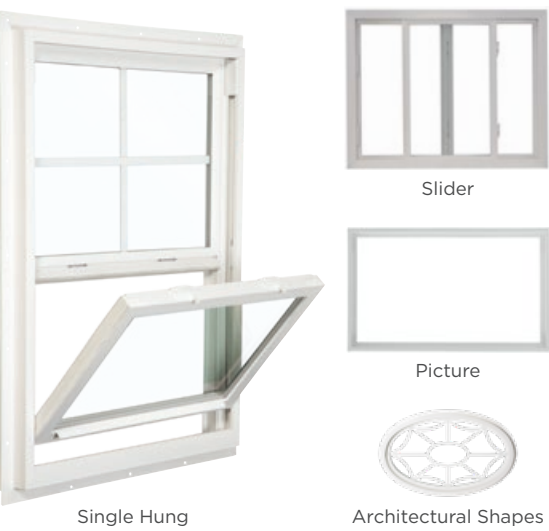
## STANDARD SLIDER FEATURES

- **Tandem rollers** ride easily along friction free channel
- **Integrated glide rail** for easy sash opening and closing

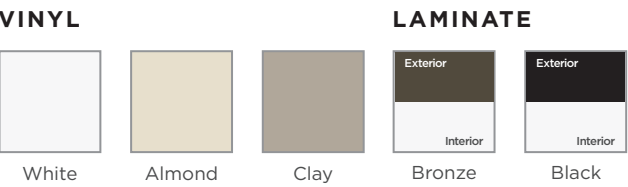
## FRAME OPTIONS



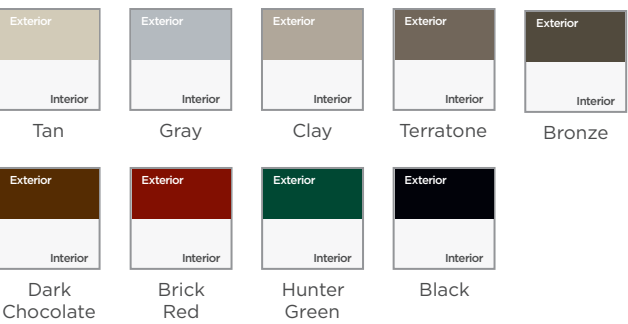
## STYLES



## COLOR OPTIONS\*



## PAINT EXTERIOR



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# Series 150

VINYL WINDOWS



# Series 450

VINYL WINDOWS

## STANDARD SERIES FEATURES

- **Beautiful, true brickmould** exterior frame perimeter
- **Fully welded** frame and sash corners
- **Sloped sill** for easy water run-off
- **Integrated J-channel** (Series 160 available without J-channel)
- **Pre-punched nail fin** makes installation simple
- **Insulated glass panels** with optimum thermal air space featuring warm-edge spacer system
- **Continuous head and sill** on twins and triples
- **Jamb depth: 3.277"**
- **Limited lifetime warranty** with 15 year insulated glass coverage

## STANDARD SINGLE HUNG FEATURES

- **Bottom sash tilts** in for easy cleaning
- **DP 50 rating** (window size tested 36" x 74")
- **Block & tackle** balance system
- **Half screen** comes standard

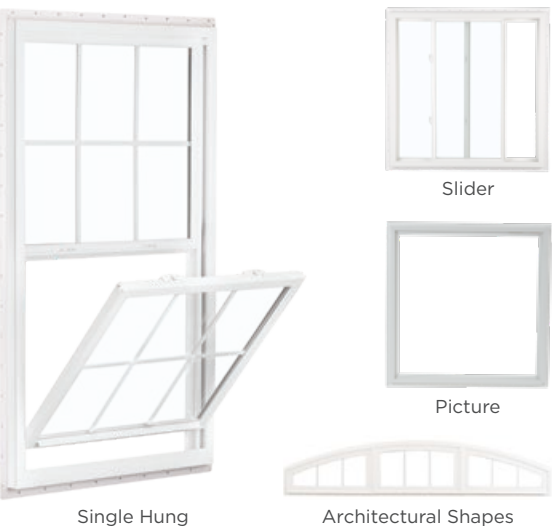
## STANDARD SLIDER FEATURES

- **Integrated slide rail** allows easy sash opening and closing
- **Aluminum-reinforced lock rail and meeting rails** add strength

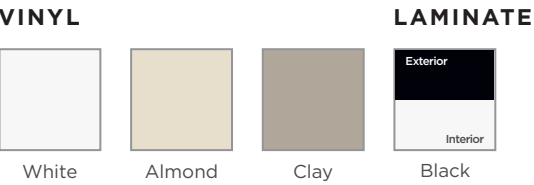
## CUSTOM OPTIONS

- **Low-E Glass, Low-E Glass + Argon Gas, & Ultra Low-E Glass + Argon Gas**
- 5/8" and 3/4" flat, 5/8" or 1" contoured, and 1-1/8" or 7/8" simulated divided lite (SDL) grids available
- 3-1/4" flat casing with bull nose
- Factory mulling of twins, triples and architectural shapes
- Paintable or stainable wood jamb extensions (4-9/16" and 6-9/16")
- Charcoal aluminum mesh screen
- Window Opening Control Device (WOCD) restricts sash opening for safety
- Custom sizes available

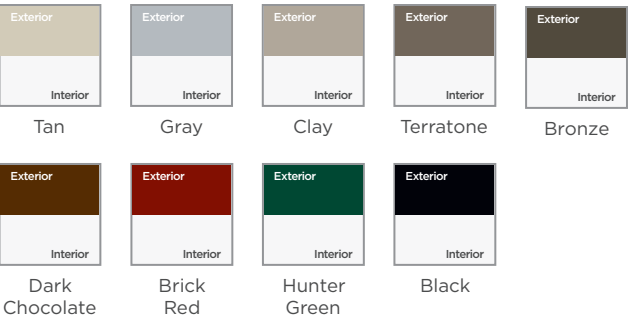
## STYLES



## COLOR OPTIONS\*



## PAINT EXTERIOR



\* Printing process may affect color shown. Please refer to actual window sample when selecting colors. Only use mild, water based household cleaner on painted product and rinse immediately with water. See full cleaning instructions for details.

## STANDARD SERIES FEATURES

- **Beautiful, true brickmould** exterior frame perimeter
- **Fully welded** frame and sash corners
- **DP 35 rating** (window size tested 36" x 74". Series 455/465 available with DP 50 rating)
- **Integrated J-channel** (Series 460 available without J-channel)
- **Pre-punched nail fin** makes installation simple
- **Insulated glass panels** with optimum thermal air space featuring warm-edge spacer system
- **Continuous head and sill** on twins and triples
- **Jamb depth: 3.868"**
- **Limited lifetime warranty** with 15 year insulated glass coverage

## STANDARD DOUBLE HUNG FEATURES

- **Both sash tilt in** for easy cleaning
- **Sloped sill** for easy water run-off
- **DP 35 rating** (window size tested 36" x 74". Series 455/465 available with DP 50 rating)
- **Block & tackle** balance system
- **Half screen** comes standard

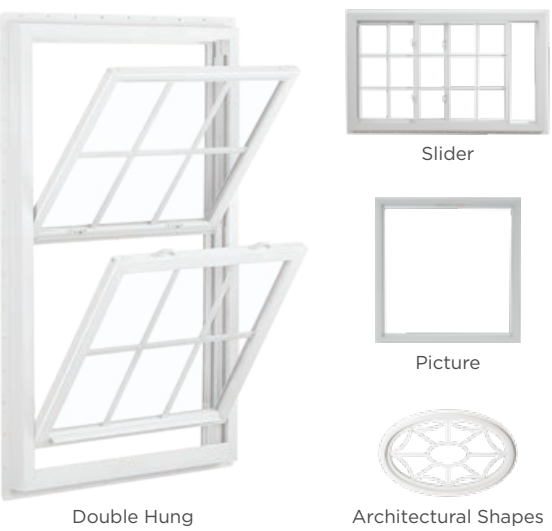
## STANDARD SLIDER FEATURES

- **Series 451/461** available with DP 50 rating
- **2- and 3-lite** configurations available
- **Integrated glide rail** allows easy sash opening and closing

## CUSTOM OPTIONS

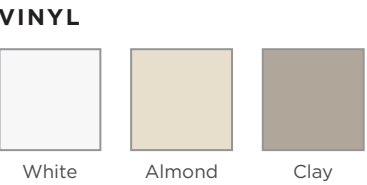
- **Low-E Glass, Low-E Glass + Argon Gas, & Ultra Low-E Glass + Argon Gas**
- 5/8" and 3/4" flat, 5/8" or 1" contoured, and 1-1/8" or 7/8" simulated divided lite (SDL) grids available
- 3-1/4" flat casing with bull nose
- Factory mulling of twins, triples and architectural shapes
- Paintable or stainable wood jamb extensions (4-9/16" and 6-9/16")
- Charcoal aluminum mesh screen
- Window Opening Control Device (WOCD) restricts sash opening for safety
- Dual push-button night vents for secure ventilation
- Brass or brushed nickel locks

## STYLES

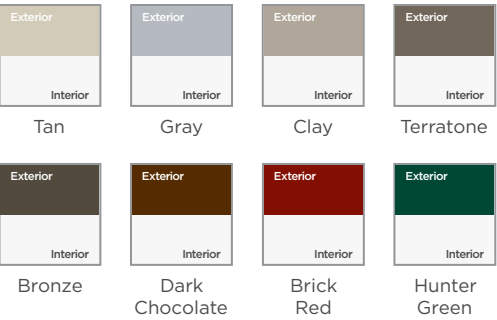


Bay & Bow & Custom Sizes also available.

## COLOR OPTIONS\*



## PAINT EXTERIOR



\* Printing process may affect color shown. Please refer to actual window sample when selecting colors. Only use mild, water based household cleaner on painted product and rinse immediately with water. See full cleaning instructions for details.

# Series 750/755

VINYL WINDOWS



## STANDARD FEATURES

- **Beautiful, true brickmould** exterior frame perimeter
- **Fully welded** frame and sash corners
- **Low profile handle** folds in and provides a popular aesthetic appeal
- **Narrow profile** permits expanded viewing area
- **Full-perimeter** double weather stripping
- **Pre-punched nail fin** makes installation simple
- **Insulated glass panels** with optimum thermal air space featuring warm-edge spacer system
- **Concealed hinges and hardware** let you open casement windows 90 degrees for better ventilation and easier cleaning
- **Full screens** mount on the interior and are removable for easy cleaning
- **Tandem locks** come standard on all casements over 34" in height
- **Jamb depth: 3.25"**

## CUSTOM OPTIONS

- **Low-E Glass**
- **Low-E Glass + Argon Gas**
- **Ultra Low-E Glass + Argon Gas**
- 2" simulated meeting rail
- Charcoal aluminum mesh screen
- Coastal Upgrade

## STYLES



Casement



Awning

## COLOR OPTIONS\*

### VINYL



White



Almond



Clay

### PAINT EXTERIOR



Tan



Gray



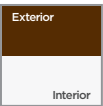
Clay



Terratone



Bronze



Dark Chocolate



Brick Red



Hunter Green

\* Printing process may affect color shown. Please refer to actual window sample when selecting colors. Only use mild, water based household cleaner on painted product and rinse immediately with water. See full cleaning instructions for details.



# Series 312/311

VINYL SLIDING PATIO DOORS



# Series 332

VINYL SLIDING PATIO DOORS

## 312 STANDARD FEATURES

- **Offered in range of sizes:** 5', 6', 6'4", 8', 9', even 12'
- **Custom sizes available**
- **Available in 6'8" height** up to 12' wide
- **Field reversible** (not available with BBG)
- **Aluminum track** for moving panel
- **Easy installation** in new construction applications
- **Screen comes standard**
- **Deluxe color-matched hardware.** Brushed nickel or brass handle (optional)
- **Keyed lock** standard
- **Available in Ultra Low-E Glass + Argon Gas** (not available with BBG)
- **Optional 1-1/8" SDL**, a traditional simulated divided lite raised-style grid
- **Exterior painted colors** (not available on 4 panel doors), interior wood laminates, and bronze exterior laminate available
- **Optional Coastal Upgrade**

## 311 STANDARD FEATURES

- **Offered only in 5', 6' and 6'4" sizes**
- **White only**, screen optional
- **Field reversible**
- **White handle** with lock
- **Exceptional value**

### BLINDS BETWEEN THE GLASS

- Available with 332 and 312 patio doors in 6068.
- Available in white, almond, clay laminates and painted colors.
- Blinds, operators and glass panels available in white only.



Easy to raise, lower and tilt blinds

Controls light and privacy

Never needs dusting and is safe for pets and children

## STYLES



Sliding Patio Door

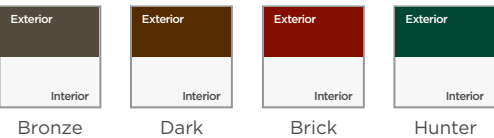
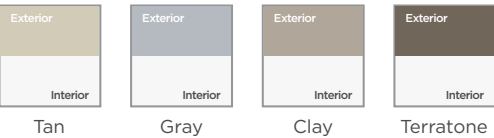
## COLOR OPTIONS\*

### VINYL

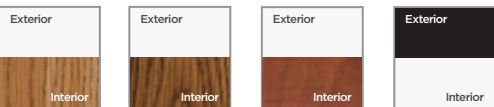


White Almond Clay

### PAINT EXTERIOR



### LAMINATE COLORS\*



\* Printing process may affect color shown. Please refer to actual window sample when selecting colors. Only use mild, water based household cleaner on painted product and rinse immediately with water. See full cleaning instructions for details.

## STANDARD FEATURES

- **Offered in range of sizes:** 5', 6', 6'4", 8', 9', even 12'
- **Custom sizes available**
- **Available in 8' height**
- **DP 50 rating**, great for coastal applications
- **Easy installation** in new construction applications with built-in 4-9/16" jamb
- **Field reversible** (6'8" height only; not available with BBG)
- **Available in 6'8" height** up to 12' wide
- **Additional security available** with multi-point keyed lock
- **Deluxe color-matched hardware** (Brass standard for laminate and paint). Brushed nickel or brass handle (optional)
- **Tremendous options selection**, including snap-in brickmould and foot bolt lock
- **Available in Ultra Low-E Glass + Argon Gas** (not available with BBG)
- **Optional 1-1/8" SDL**, a traditional simulated divided lite raised-style grid
- **Heavy duty screen**
- **Exterior painted colors** (not available on 4 panel doors), interior wood laminates, and bronze exterior laminate available
- **Optional Coastal Upgrade**

### BLINDS BETWEEN THE GLASS

- Available with 332 and 312 patio doors in 6068.
- Available in white, almond, clay laminates and painted colors.
- Blinds, operators and glass panels available in white only.



Easy to raise, lower and tilt blinds

Controls light and privacy

Never needs dusting and is safe for pets and children

## 332 OPTIONS



Dual Point Lock (Standard)

Brick Mould J-Channel

Foot Bolt Lock

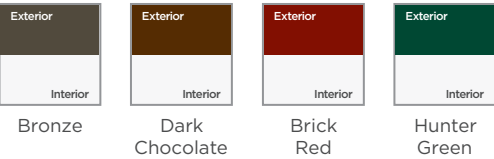
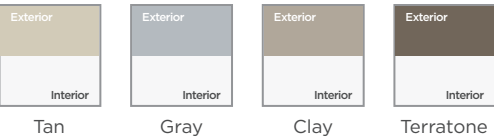
## COLOR OPTIONS\*

### VINYL

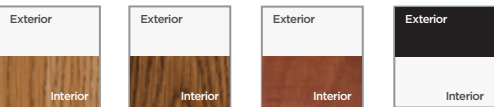


White Almond Clay

### PAINT EXTERIOR



### LAMINATE COLORS\*



Light Oak Dark Oak Cherry Black

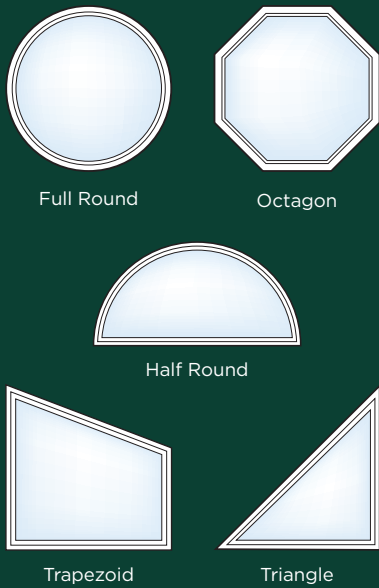
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# Custom Shapes, Styles and Sizes

From a full range of rounded and linear shapes to hinged windows and the unique dimension of bay and bow windows, we can custom craft any window to help make your homes stand out.

- Standard sizes are available, plus a full range of architectural options to accommodate any building style
- Factory mulling is available for quick, seamless installation of twins and triples
- Available colors: white, almond or clay
- Operable eyebrows & half eyebrows available in Series 150/160

## A SAMPLE OF OUR MANY ARCHITECTURAL SHAPES



# Energy-Smart Options from Atrium



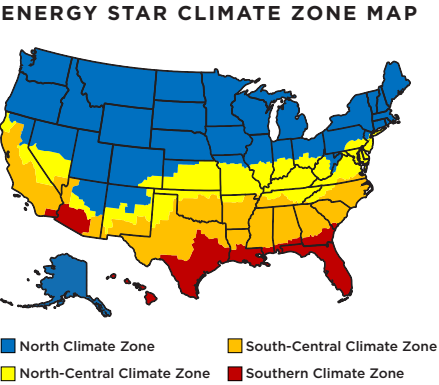
**LOW-E GLASS**  
Low-E glass is coated with a microscopic layer of silver that reflects radiant solar energy while permitting visible light to pass through the glass, providing more comfort and lower energy costs.



**LOW-E GLASS + ARGON GAS**  
Argon gas works like an insulating blanket between two panes of glass to further improve thermal efficiency and decrease outside sound levels.



**ULTRA LOW-E GLASS + ARGON GAS**  
Choose our ultimate glass package for optimal energy efficiency and maximum cost savings. Ultra Low-E glass offers three invisible layers of silver coating in addition to the superior thermal performance of argon gas.



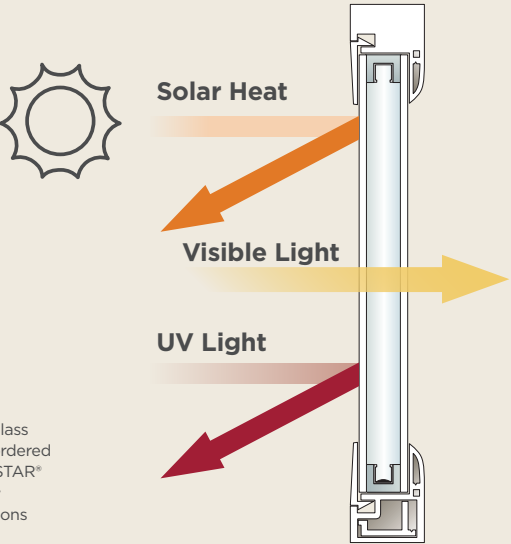
**CRITERIA FOR WINDOWS**

| Climate Zone  | U-Factor <sup>1</sup> | SHGC <sup>2</sup> |                               |
|---------------|-----------------------|-------------------|-------------------------------|
| Northern      | ≤ 0.22                | ≥ 0.17            | Prescriptive                  |
|               | ≥ 0.23                | ≥ 0.35            | Equivalent Energy Performance |
|               | ≥ 0.24                |                   |                               |
|               | ≥ 0.25                |                   |                               |
|               | ≥ 0.26                | ≥ 0.40            |                               |
| North-Central | ≤ 0.25                | ≤ 0.40            |                               |
| South-Central | ≤ 0.28                | ≤ 0.23            |                               |
| Southern      | ≤ 0.32                | ≤ 0.23            |                               |

Air Leakage ≤0.3 cfm/ft<sup>2</sup>  
<sup>1</sup> Btu/h-ft<sup>2</sup>-°F  
<sup>2</sup> Solar Heat Gain Coefficient

## SUMMER

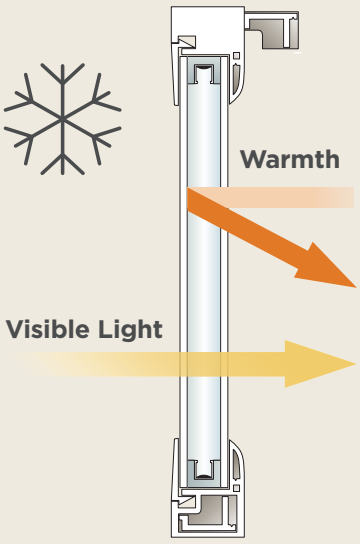
Low-E glass reduces heat gain from the sun, keeping your home cooler.



Select styles and glass packages can be ordered to meet ENERGY STAR<sup>®</sup> 7 guidelines. Verify product specifications before ordering.

## WINTER

Low-E glass lets the warm solar rays in while blocking the heat in your home from getting out.





## Why Vinyl?

- Durable PVC vinyl resists warping and will never need painting or refinishing, and fusion welding creates tight seals that dramatically reduce drafts and energy costs.
- During the past 20 years, PVC products have been found to perform favorably in terms of energy efficiency, thermal-insulating value, low contribution to greenhouse gases and product durability.
- PVC is better for the environment than competing products, reducing CO2 emissions and utilizing up to 20% less energy to produce than other plastics.



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