



## Remodeling & Replacement Windows and Doors



# A Better Experience

We're so much more than windows

## OUR MISSION: GETTING IT RIGHT EVERY TIME

As one of the nation's largest suppliers of high-quality windows for remodeling and replacement projects, our customers count on us to provide a proven product that goes above and beyond expectations. We do so much to ensure a positive experience for our customers, professional partners, homeowners, and team members—from the relationships we build, to the relentless attention to detail that goes into every window we make.

Each of our remodeling and replacement products is designed and fabricated with precision and integrity to ensure every customer receives the high-quality windows and sliding glass doors they want and expect. Our "good, better, best" window platform eases the selection process to ensure you make an addition to your home that will add value and satisfaction for years to come.

Our dedicated team strives for 100% every day and we do not consider our job complete until our windows are properly installed in the home. By building relationships through an accessible and service-oriented approach, we are setting a higher standard for remodeling and replacement products throughout the industry. Working with MI you can expect:

- Attentive support before and after the sale
- A nationwide network of distributors and dealers
- A wide breadth of precision-built products
- Reliable deliveries that are on-time, accurate, and complete





1650

DOUBLE-HUNG

TOP  
SELLER



GLASS BREAKAGE  
WARRANTY



TRIPLE-PANE



PAINTED  
EXTERIOR

# Leading the way

Relentlessly tested so nothing is left to chance

Our state-of-the-art facilities, one-of-a-kind quality management program, and robust in-house test walls help **ensure we meet and often exceed industry standards**. In fact, our flagship test wall is one of the most extensive in the industry, allowing us to conduct comprehensive tests where we can rapidly analyze and refine our products.

Our engineering team also conducts several additional tests that go beyond what's required for American Architectural Manufacturers Association (AAMA) and National Fenestration Rating Council (NFRC) certifications, including sealant, vinyl impact, cold-weather performance, and more. The result is a superior product that you will enjoy for years to come.



STRUCTURAL INTEGRITY



FORCED ENTRY RESISTANCE



CORNER WELD STRENGTH



ACCELERATED WEATHERING



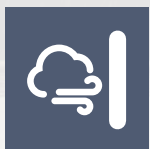
DEGLAZING RESISTANCE



COMPONENT COMPATIBILITY



WATER PENETRATION



AIR INFILTRATION



ARGON GAS RETENTION





## Setting a higher standard

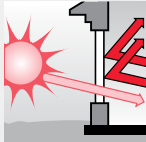
**A window does so much.** It creates a view to the outside world, lets natural light in, and provides protection from the elements. It can also help lower energy bills, while making a statement and completing a home. That's why we take the responsibility of making your windows so personally.

All of our products are built with precision, and no stone is left unturned. We utilize the latest materials to optimize energy performance, offering multiple enhancements that allow us to meet and exceed industry standards.

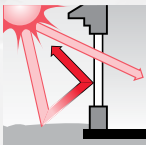
### PERFORMANCE FACTORS



Our products often **meet and exceed ENERGY STAR® standards** in climate zones across the country. Visit our website ([miwindows.com](http://miwindows.com)) for a complete listing of ENERGY STAR-qualified products. Look for the ENERGY STAR label to ensure you are getting windows you can rely on.



**U-Value** measures the amount of heat lost from a home. The lower the U-value, the better the window is at insulating. A low U-value is key to keeping your home comfortable during colder weather.



**Solar Heat Gain Coefficient (SHGC)** measures how much heat from the sun is blocked from entering the home. A low SHGC is desirable to keep heat out of your home during warmer weather.

### ENERGY-FOCUSED PRODUCT ENHANCEMENTS



**Warm-edge spacers** optimize the energy efficiency of double- and triple-pane windows. They result in higher-performing windows by helping to lower conductivity, improve argon gas retention, and increase condensation resistance.



**Argon** is an invisible gas injected into a glass unit to increase its insulating performance. It reduces heat transfer through the glass, lessens the possibility of condensation and frost, and helps to block harmful UV rays from entering the home.



**Low-E** is a microscopic layer of metal applied to the glass that reflects sunlight away from the home. It provides protection from UV rays, helps keep radiant heat from entering the home, and assists in maintaining interior temperatures.

# Comparing Your Options

## Good, better, and best options make for clear choices

Our easy-to-understand replacement window program is anchored by our three double-hung windows with options for enhanced performance and style, creating a true “Good, Better, Best” platform. Utilizing the same stylish profile with optional upgrades, we are able to offer a wide variety of features and enhancements to suit all of your replacement window needs.

### 1555 DOUBLE-HUNG

Our **Good** option is an efficient, affordable product that doesn't sacrifice quality for cost.

### 1650 DOUBLE-HUNG

Our **Better** option meets ENERGY STAR requirements in North and North-Central zones with no upgrades.

### 1650 EXTREME DOUBLE-HUNG

Our **Best** option meets ENERGY STAR requirements in all ENERGY STAR zones with no upgrades.



\* Shown with optional foam-enhanced mainframe



	1555	1650	1650 EXTREME		
CONSTRUCTION	Welded vinyl multi-chamber mainframe	■	■	■	
	Foam-enhanced mainframe		□	□	
	Dual weatherstripping	■	■	■	
	Mortise recessed lock	■	■	■	
	True-sloped sill	■	■	■	
	Latching extruded half screen	□	■	■	
	Clarity™ mesh screen	□	■	■	
	Reinforcement at interlocking meeting rail	■	■	■	
	Balance channel covers		■	■	
	Inverted-coil balance with detent clip	■	■	■	
GLASS	Integral Fin and J-Channel	□	□	□	
	Triple-pane insulating glass		□	■	
	Dual-pane insulating glass	■	■		
	Warm-edge spacer system	■	■	■	
	Low-E glass	■	■	■	
	Argon gas enhancement	■	■	■	
	DESIGN OPTIONS	White extruded color	■	■	■
		Almond extruded color	□	□	□
		Clay extruded color		□	
		Woodgrain laminated interior		□	□
Black painted interior			□	□	
Painted exteriors			□	□	
Blinds-between-the-glass			□		
WARRANTY	Limited lifetime customer assurance	■	■	■	
	Lifetime glass breakage	□	■	■	
ENERGY*	U-value	0.28	0.27	0.21	
	Solar heat gain coefficient (SHGC)	0.29	0.28	0.25	
	Visible transmittance	0.51	0.51	0.40	

## ABOUT YOUR OPTIONS



**Insulating foam** is injected into the mainframe to enhance thermal and structural performance.



**Triple-pane glass** is available to help achieve unbeatable insulating power.



The **warm-edge spacer system** improves the seal performance of our insulated glass units.



A **Low-E** coating is applied to the glass to reflect sunlight away from the home.



**Argon** is an invisible gas injected into a glass unit to increase its insulating performance.



**Eight distinctive colors** allow you to customize and enhance the curb appeal of your home.



**Blinds-between-the-glass** are long-lasting and make raising and lowering blinds simple and intuitive.



Our **Lifetime Glass Breakage** warranty covers you for as long as you own your home.



Our **Limited Lifetime Customer Assurance** warranty is offered standard on all products so you can trust your decision and know that we value your business.

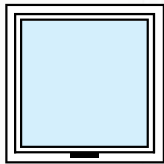
\* Performance based on 30/50 with standard glass package, no grids

■ *Standard*

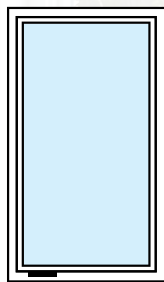
□ *Optional*

# Complementary Products

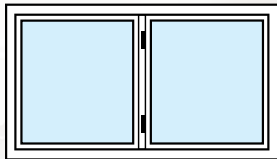
Our entire collection of remodeling and replacement products provides a breadth of options for any project. With the flexibility to select from double-hungs, awnings, casements, double-sliders, basement, fixed picture windows, and sliding glass doors, homeowners are able to customize their home to be uniquely theirs.



**1665  
Awning**



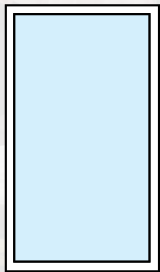
**1675  
Casement**



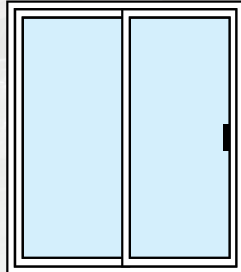
**1685  
Double-Slider**



**1695  
Basement**



**1555PW/1555SP  
1650PW/1650SP  
Picture/Specialty**



**1615/1617/1618  
Sliding Glass Door**





1675

CASEMENT



WARM-EDGE  
SPACER SYSTEM



GLASS BREAKAGE  
WARRANTY



TRIPLE-PANE



PAINTED  
EXTERIOR



## 1675 Casement

### FEATURES & BENEFITS

- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- Welded, multi-chambered frame and sash for superior strength and energy-efficiency
- Triple weatherstripping for enhanced thermal performance
- Multi-point locking hardware creates a tighter, safer seal
- 90° hinge capability provides maximum ventilation and airflow

### PRODUCT DETAILS

- 3 ¼" frame depth
- ¾" dual-pane or 1 ⅛" triple-pane insulated glass
- Flange or finless frame

1675

CASEMENT

## 1665 Awning

### FEATURES & BENEFITS

- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- Welded, multi-chambered frame and sash for superior strength and energy-efficiency
- Triple weatherstripping for enhanced thermal performance
- Multi-point locking hardware creates a tighter, safer seal
- Unique outward hinge allows fresh air in even on rainy days

### PRODUCT DETAILS

- 3 ¼" frame depth
- ¾" dual-pane or 1 ⅛" triple-pane insulated glass
- Flange or finless frame

1665

AWNING

1685

DOUBLE-SLIDER

## 1685 Double-Slider

### FEATURES & BENEFITS

- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- Welded, multi-chambered frame and sash for superior strength and energy-efficiency
- Heavy-duty weatherstripping for protection against wind, rain, dust, and noise
- Interlocking sashes help reduce air infiltration
- Dual adjustable roller system results in easy operation
- Dual-opposing locks create a stronger, safer seal

### PRODUCT DETAILS

- 3 1/4" frame depth
- 3/4" dual-pane or 7/8" triple-pane insulated glass
- Fin, flange, or finless frame

## 1650/1555PW Fixed Picture Window

### FEATURES & BENEFITS

- Welded, multi-chambered frame and sash for superior strength and energy-efficiency
- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- Beveled exterior profile
- Architectural shapes available (165OSP/1555SP)

### PRODUCT DETAILS

- 3 ¼" frame depth
- ¾" dual-pane insulated glass
- Fin, flange, or finless frame

**1650  
PW**  
FIXED

## 1695 Basement

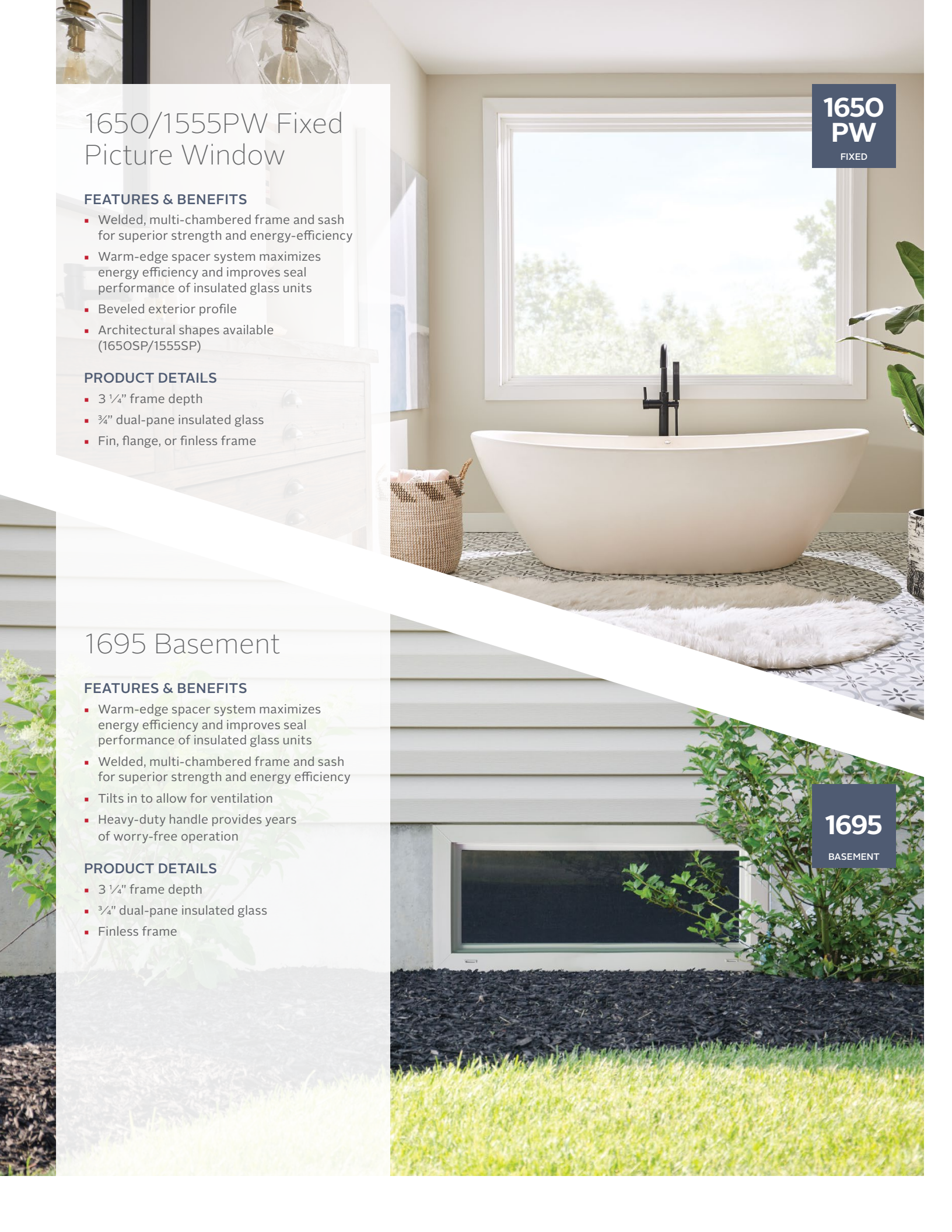
### FEATURES & BENEFITS

- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- Welded, multi-chambered frame and sash for superior strength and energy efficiency
- Tilts in to allow for ventilation
- Heavy-duty handle provides years of worry-free operation

### PRODUCT DETAILS

- 3 ¼" frame depth
- ¾" dual-pane insulated glass
- Finless frame

**1695**  
BASEMENT



1615

SLIDING  
GLASS DOOR



## 1600 Series Sliding Glass Door

### FEATURES & BENEFITS

- Available in setup (1615), knockdown (1617), and multi-slide (1618) 2-, 3-, and 4-, and 6-panel configurations
- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- Saddle sill with heavy-duty dual rollers provide for easy operation
- Interlock at meeting rail helps reduce air infiltration
- Insulated double-strength tempered glass adds strength and dependability
- Optional exterior key lock for convenience
- Optional foot lock or security bar for added security and piece of mind
- Optional integral blinds-between-the-glass allow for easy cleaning

### PRODUCT DETAILS

- 4  $\frac{9}{16}$ " frame depth (two track systems)
- 6  $\frac{7}{8}$ " frame depth (three track systems)
- $\frac{7}{8}$ " insulated glass
- Sealing fin or finless frame

# Color Options\*

Our wide array of color options allow homeowners and designers to express their unique sense of style and enhance curb appeal. Advanced technology allows energy-efficient and low-maintenance vinyl products to also offer design options that previously were only available with wood or aluminum materials. Our options allow you to experience the multiple benefits of vinyl windows and doors without sacrificing style.

## Vinyl/Extruded

Solid vinyl extrusions offer even color distribution inside and out for windows and doors that are timeless, durable, and attractive. MI offers three extruded colors that provide enduring style for any home.

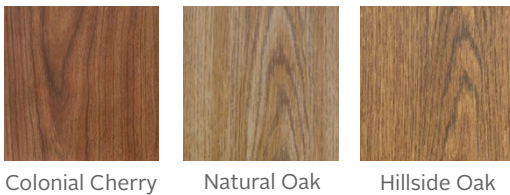
### INTERIOR & EXTERIOR



## Laminates

Laminates are available on our 1650 and 1650 Extreme windows. After the profiles are extruded, the laminate finish is applied by a series of precision rollers and blades.

### INTERIOR



## Paint

Available on several of our replacement windows and doors, environmentally friendly, water-based coatings provide outstanding coverage and durability and offer long-term performance and customized beauty. Our oven-baked application ensures the paint will maintain color and prevents cracking, fading, peeling, blistering, and abrasion from impact.

### INTERIOR



### EXTERIOR





# Glass Decoration\*

## Grids

Make your home your own personal statement with multiple grid options that allow your style to always be on display. Grids between-the-glass are offered in a variety of profiles and sizes, and match the color of your window frame. Simulated divided lite grids are offered in a white sculptured profile to achieve an historic aesthetic. Grids are available in multiple standard and custom patterns to satisfy nearly any desired look.

### BETWEEN-THE-GLASS



Flat



Sculptured



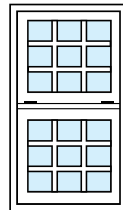
Sculptured



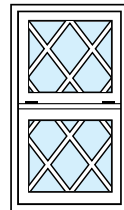
2" Simulated Meeting Rail

### SIMULATED DIVIDED LITE

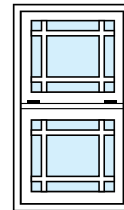
### COMMON PATTERNS



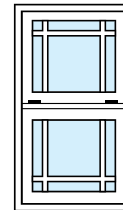
Colonial



Diamond



9-Lite Perimeter



6-Lite Perimeter

## Blinds-between-the-glass



This unique option offers a quality solution for window and sliding glass door treatments. The blinds are sealed between two panes of glass, resulting

in a longer service life compared to standard blinds while also eliminating the need for dusting. Engineered for ease of use, the internal design makes raising and lowering the blinds simple and intuitive and eliminates the possibility of blinds obstructing the window or door operation.

\* Color options and glass decorations vary by product. Contact your sales representative for additional details.



# Experience Clarity™

