



# New Construction 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 newly built homes, 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 homeowners, our professional partners, and our team members—from the relationships we build, to the relentless attention to detail that goes into every window we make.

Each of our new construction products are designed and fabricated with precision and integrity in mind to ease the selection process and ensure you get windows that will perform and add value for years to come. At MI, we are committed to providing a positive, reliable buying experience from start to finish.

Our dedicated team strives for 100% every day and we do not consider our job complete until our windows are installed in the home. By building relationships through an accessible and service-oriented approach, we are setting a higher standard for new construction 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





# 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 testing protocol help **ensure we meet and often exceed industry standards**. In fact, our 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



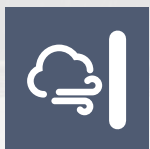
DEGLAZING RESISTANCE



COMPONENT COMPATIBILITY



WATER PENETRATION



AIR INFILTRATION



ARGON GAS RETENTION





# Setting a higher standard

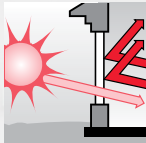
**A window does so much.** It creates a view to the outside world, lets natural light in, and provides protection from the elements. It can also help lower energy bills, while making a statement and completing a home. That's why we take the responsibility of making your windows so personally.

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.

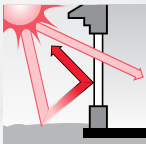
## PERFORMANCE FACTORS



Our products often **meet and exceed ENERGY STAR® standards** in 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

## 3500 SINGLE-HUNG

The 3500 vinyl single-hung window offers handcrafted quality, exceptional durability, and optimal energy efficiency. With standard features that include a pre-punched mounting fin and removable sash and meeting rail for easy drywall pass through, our 3500 window is ideal for any new home construction project. A full-length lift rail and metal reinforcements at the meeting rails provide aesthetic and performance benefits that complement the window's builder-friendly attributes.

**3500**

SINGLE-HUNG



## 1620 SINGLE-HUNG

The 1620 single-hung window offers superior styling, handcrafted quality, and durable long-term performance. This stylish and energy-efficient window features beveled sash, insulated dual-pane glass, heavy-duty weatherstripping, and is the first window in our popular 1600 Series to offer operating archtop configurations. The 1620 is DP50-rated and available with the StormArmor™ impact-resistant package for storm-prone coastal areas.

**1620**

SINGLE-HUNG



## 1556 DOUBLE-HUNG

The 1556 vinyl double-hung new construction window offers crafted features that provide exceptional durability, energy efficiency, and ease of installation. Featuring a stylish beveled exterior profile, true-sloped sill, tilt-in sashes, and optional exterior paint and brickmould accessory, the 1556 is an aesthetically pleasing window that offers enhanced curb appeal for any newly built home looking to stand out from the crowd.

**1556**

DOUBLE-HUNG





CONSTRUCTION

STYLE & CONVENIENCE

ENERGY\*

	3500	1620	1556
Fusion-welded mainframe and sash	■	■	■
Integral J-channel	□		□
Metal-reinforced sash and meeting rail	■	■	■
Dual fin-seal weatherstripping	■	■	■
Warm-edge spacer system	■	■	■
Dry-glazed fixed top glass, removable from inside	■		
True-sloped sill		■	■
Inverted-coil balances	■	■	■
DP50	□	■	
StormArmor impact-resistant package		□	
Operational archtop	□	□	
Surface-mounted locks sit below sight lines	■		
Recessed lock		■	■
Lock screws secured into steel reinforcement in sash	■	■	■
Egress 3050	■		■
Egress 3052 (non-impact)		■	
Continuous head-and-sill for twin and triple units	□		□
Removable tilt-in sash	■	■	■
Drywall pass-through	■		■
Limited lifetime assurance warranty	■	■	■
Aesthetic brickmould exterior profile	□		□
Laminated exterior colors	□	□	
Painted exterior colors	□		□
Painted black interior		□	
Meets ENERGY STAR in North-Central, South-Central, and Southern climate zones	□	□	□
Argon	□	□	□
Low-E / HP-Low-E	□	□	□
U-value	0.30	0.28	0.27
Solar heat gain coefficient	0.23	0.22	0.21



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



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



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



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



**Impact-resistant** products are available with StormArmor™ for additional strength against weather.



**Operational archtop** windows combine unique aesthetic appeal with practical functionality.



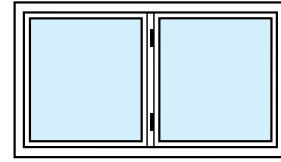
Our **Limited Lifetime Customer Assurance** warranty is offered on all products so you can trust your decision and know that we value your business.

■ *Standard*    □ *Optional*

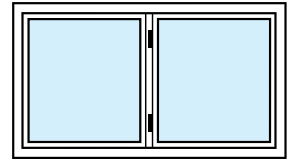
\* Based on 30/50 with HP-Low-E and argon enhanced glass package, no grids. Additional glass packages available.

# Complementary Products

Our entire collection of new construction products provides a breadth of options, allowing you to add a unique look to your new home. With the flexibility to select from single-hungs, double-hungs, casements, awnings, single-sliders, fixed picture windows, and sliding glass doors, you can customize your home to be as unique as you and trust you are making a selection that will last for years to come.



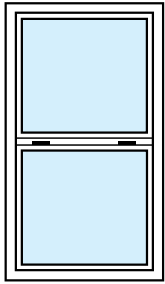
**1630**  
**Single-Slider**



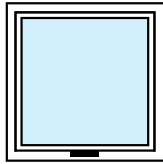
**1685**  
**Double-Slider**



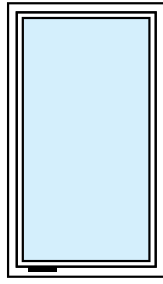




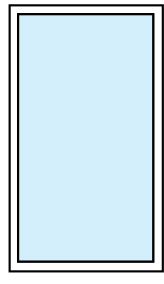
**3540**  
Single-Hung



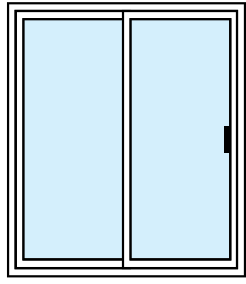
**9660**  
Awning



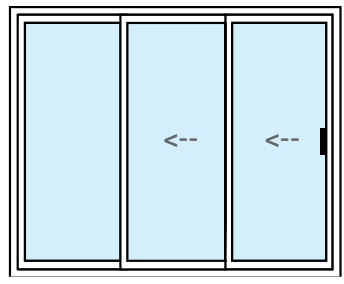
**9770**  
Casement



**1620PW/1556PW/  
3500PW**  
Fixed



**1615/1617**  
Sliding Glass Door  
(2-, 3-, or 4-panel)



**1618**  
Multi-Slide Door  
(3-panel or 6-panel)



## 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
- Wood extension jambs available for 4 9/16" and 6 9/16", wall depths
- Fin, flange, or finless frame

1685

DOUBLE-SLIDER



## 1630 Single-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
- Dual adjustable roller system results in easy operation
- Dual-opposing locks create a stronger, safer seal
- StormArmor impact-resistant option helps protect against hurricanes

### PRODUCT DETAILS

- 3 1/4" frame depth
- 3/4" insulating glass
- Wood extension jambs available for 4 9/16" wall depths
- Fin, flange, or finless frame

1630

SINGLE-SLIDER





3540

SINGLE-HUNG

## 3540 Single-Hung

### 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
- Dual-opposing locks create a stronger, safer seal
- Silicone glazed sash
- Additional metal reinforcement in sash stiles
- Continuous head and sill mulling for twins and triples

### PRODUCT DETAILS

- 2 <sup>7</sup>/<sub>8</sub>" frame depth
- <sup>3</sup>/<sub>4</sub>" insulating glass
- Wood extension jambs available for 4 <sup>9</sup>/<sub>16</sub>" and 6 <sup>9</sup>/<sub>16</sub>" wall depths
- Fin, flange, or finless frame

9770

CASEMENT

## Casement Window

### 9770 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
- StormArmor impact-resistant option helps protect against hurricanes

### PRODUCT DETAILS

- 3 1/4" frame depth
- 3/4" dual-pane insulated glass
- Wood extension jambs available for 4 9/16" and 6 9/16" wall depths
- Fin, flange, or finless frame



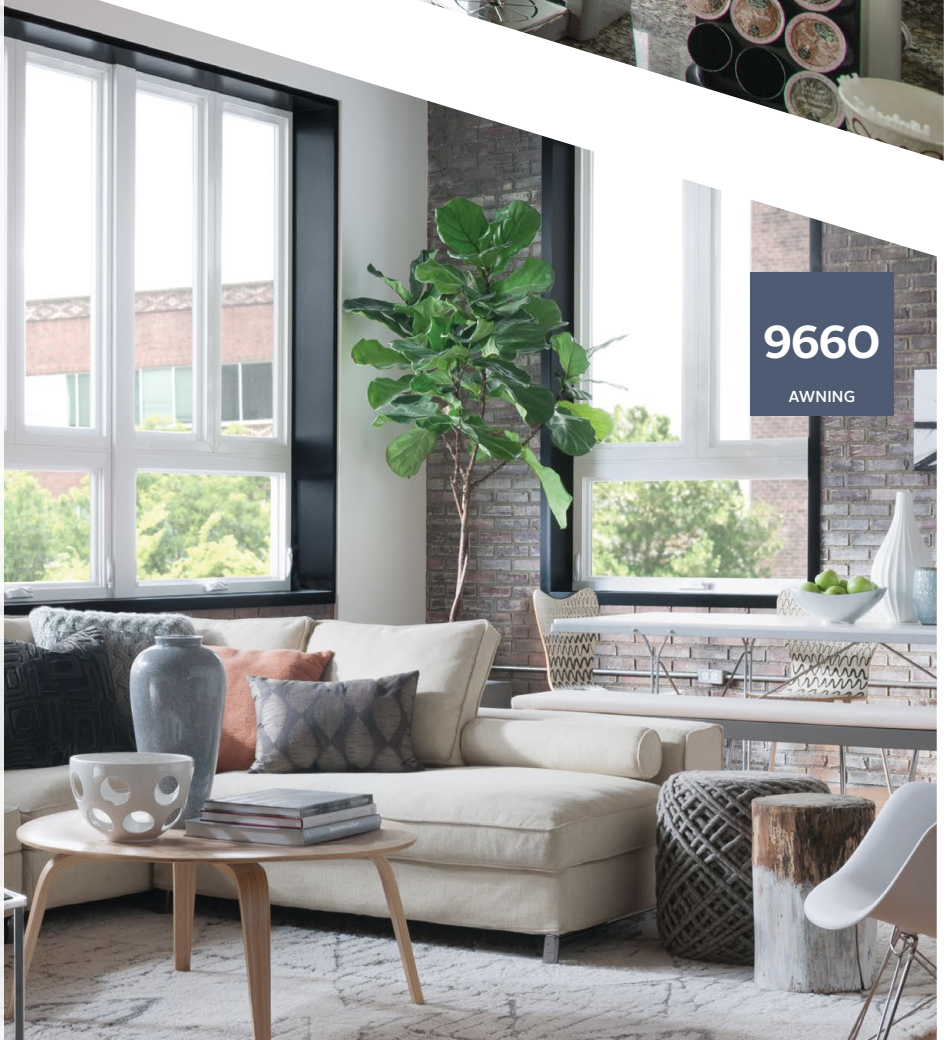
## Awning Window

### 9660 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
- Integral J-Channel and mounting fin with pre-punched holes for easy and efficient installation
- Multi-point locking hardware creates a tighter, safer seal

### PRODUCT DETAILS

- 3 1/4" frame depth
- 3/4" dual-pane insulated glass
- Wood extension jambs available for 4 9/16" and 6 9/16" wall depths
- Fin, flange, or finless frame



9660

AWNING

**1556  
PW**

FIXED

**3500  
PW**

FIXED

**1620  
PW**

FIXED

## Fixed Picture Windows

### 1556PW Picture Window

#### FEATURES & BENEFITS

- Multi-chambered construction
- Warm-edge spacer system
- Double-strength glass

#### PRODUCT DETAILS

- 3 1/4" frame depth
- 3/4" insulated glass
- Wood extension jambs available for 4 9/16" and 6 9/16" wall depths
- Fin, flange, or finless frame

### 3500PW Picture Window

#### FEATURES

- Multi-chambered mainframe construction
- Slim sight lines for a modern appearance
- Warm-edge spacer system
- Integral J-channel
- Double-strength glass

#### PRODUCT DETAILS

- 2 7/8" frame depth
- 3/4" insulated glass
- Wood extension jambs available for 4 9/16" and 6 9/16" wall depths
- Fin, flange, or finless frame

### 1620PW Picture Window

#### FEATURES

- Warm-edge spacer system
- Multi-chambered construction
- StormArmor impact-resistant option helps protect against hurricanes

#### PRODUCT DETAILS

- 3 1/4" frame depth
- 3/4" insulated glass
- Fin, flange, or finless frame

## 1615/1617 Sliding Glass Door

### FEATURES & BENEFITS

- Available in setup (1615) and knockdown (1617) 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

**1615**  
SLIDING  
GLASS DOOR



## 1618 Multi-Slide Door

### FEATURES & BENEFITS

- Available in 3-panel, and 6-panel configurations up to 18' wide
- 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
- Standard tempered glass is four times stronger than non-tempered glass
- Optional foot lock or security bar for added security and piece of mind

### PRODUCT DETAILS

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

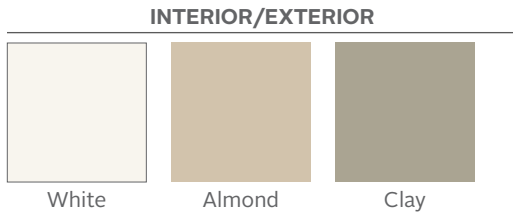
**1618**  
MULTI-SLIDE  
DOOR



# Color Options\*

## Extruded Colors

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, providing options for any home.



## Laminated Colors

Our bronze and black laminates offer a satisfying solution when looking for a more traditional dark aluminum look. After the profiles are extruded, the laminate finish is applied by a series of precision rollers and blades.



## Painted Colors

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.



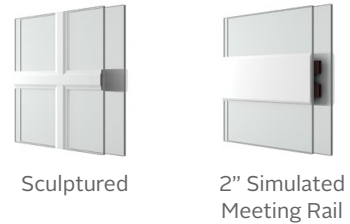
# Grid Options\*

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.

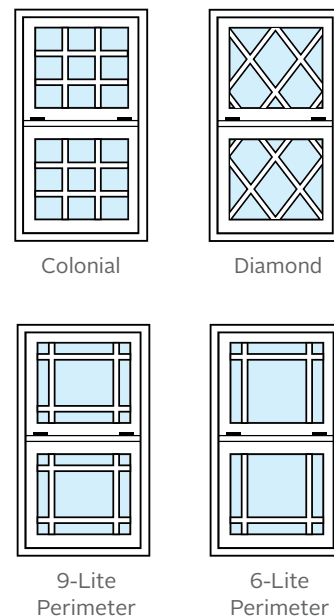
## GRIDS-BETWEEN-THE-GLASS



## SIMULATED DIVIDED LIGHT



## GRID PATTERNS



\* Color and grid availability varies by product. Contact your sales representative for additional details.



# Experience Clarity™

