



# 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 and pride ourselves on delivering your windows on time, accurate, and complete.

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 test walls 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



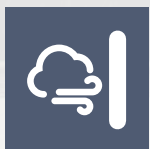
DEGLAZING RESISTANCE



COMPONENT COMPATIBILITY



WATER PENETRATION



AIR INFILTRATION



ARGON GAS RETENTION





# Setting a higher standard

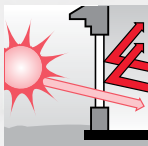
**A window does so much.** It creates a view to the outside world, lets natural light in, and provides protection from the elements. It can also help lower energy bills, while making a statement and completing a home. That's why we take the responsibility of making your windows so personally.

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.

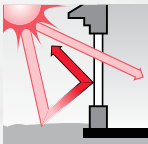
## PERFORMANCE FACTORS



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

Featuring a 2 7/8" frame and 3/4" insulated glass, our 3500 single-hung window is a versatile product ideal for any new home construction project. Every 3500 single hung comes standard with removable, dry-glazed top glass; tilt-in, wet-glazed bottom sash; and snap-in sill—making it a builder-friendly window with drywall pass-through functionality on every unit.

## 4300 SINGLE-HUNG

With a 3 1/4" frame, 3/4" insulated glass, brickmould profile, and true sloping sill, our 4300 single hung windows offer the perfect combination of functionality and style for any newly constructed home. Every 4300 comes standard with dry-glazed top glass and tilt-in, wet-glazed bottom sash, offering drywall pass-through capabilities that help keep projects on schedule and reduce jobsite damages.

## 1556 DOUBLE-HUNG

Our 1556 double-hung window features a 3 1/4" frame, 3/4" insulated glass, beveled exterior, and dual-operating sashes, making it the top choice among homeowners seeking to maximize curb appeal and performance for their newly constructed home. An innovative constant-force balance system that helps eliminate top sash drift further enhances the convenience and value inherent in every 1556 window.

**3500**

SERIES



**4300**

SERIES



**1556**

DOUBLE-HUNG





3500 4300 1556

CONSTRUCTION

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	□		□



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.

STYLE & CONVENIENCE

Surface-mounted locks sit below sight lines	■	■	
Lock screws secured into steel reinforcement in sash	■	■	■
Egress 3050	■	■	■
Continuous head-and-sill for twin and triple units	□	□	□
Removable tilt-in sash	■	■	■
Drywall pass-through	■	■	■
Limited lifetime assurance warranty	■	■	■
Brickmould exterior profile	□	■	□
3 1/2" flat casing accessory		□	□
Laminated exterior colors	□		
Painted exterior colors	□	□	□



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



**Brickmould** combines the aesthetic of classic wood trim with the easy care and maintenance of vinyl



Colonial-style **flat casing** enhances curb appeal by framing your window in a timeless manner.

ENERGY\*

Meets ENERGY STAR in all four climate zones	□		□
Argon	□	□	□
Low-E	□	□	□
U-value	0.30	0.30	0.28
Solar heat gain coefficient (SHGC)	0.31	0.31	0.29
Visible transmittance	0.56	0.56	0.52



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

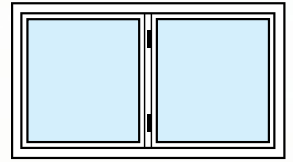
□ Optional

\* Based on 30/50 with Low-E and argon enhanced glass package

# Complementary Products

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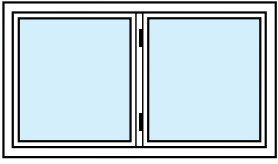
Our entire collection of new construction products provides a breadth of options, allowing you to add a unique look to your new home. With the flexibility to select from single-hungs, double-hungs, single-sliders, double-sliders, awnings, casements, fixed picture windows, and sliding glass doors, you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



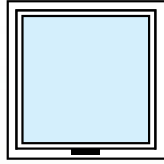
**3580**  
**Single-Slider**



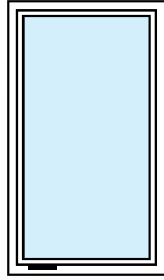




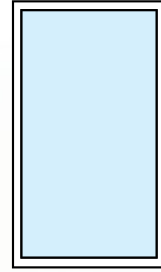
**1685  
Double-Slider**



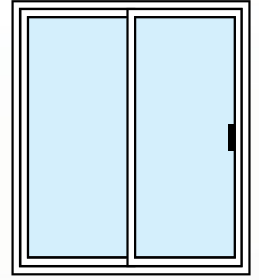
**9660  
Awning**



**9770  
Casement**



**3500PW/4300PW  
1556PW Fixed**



**910/1600 Series  
Sliding Glass Door**



## 9770 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
- StormArmor™ impact-resistant package helps protect your house from hurricane-force winds
- Optional 3 1/2" flat casing exterior accessory achieves a colonial aesthetic

### 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
- Mounting fin

9770

CASEMENT



## 9660 Awning

### FEATURES & BENEFITS

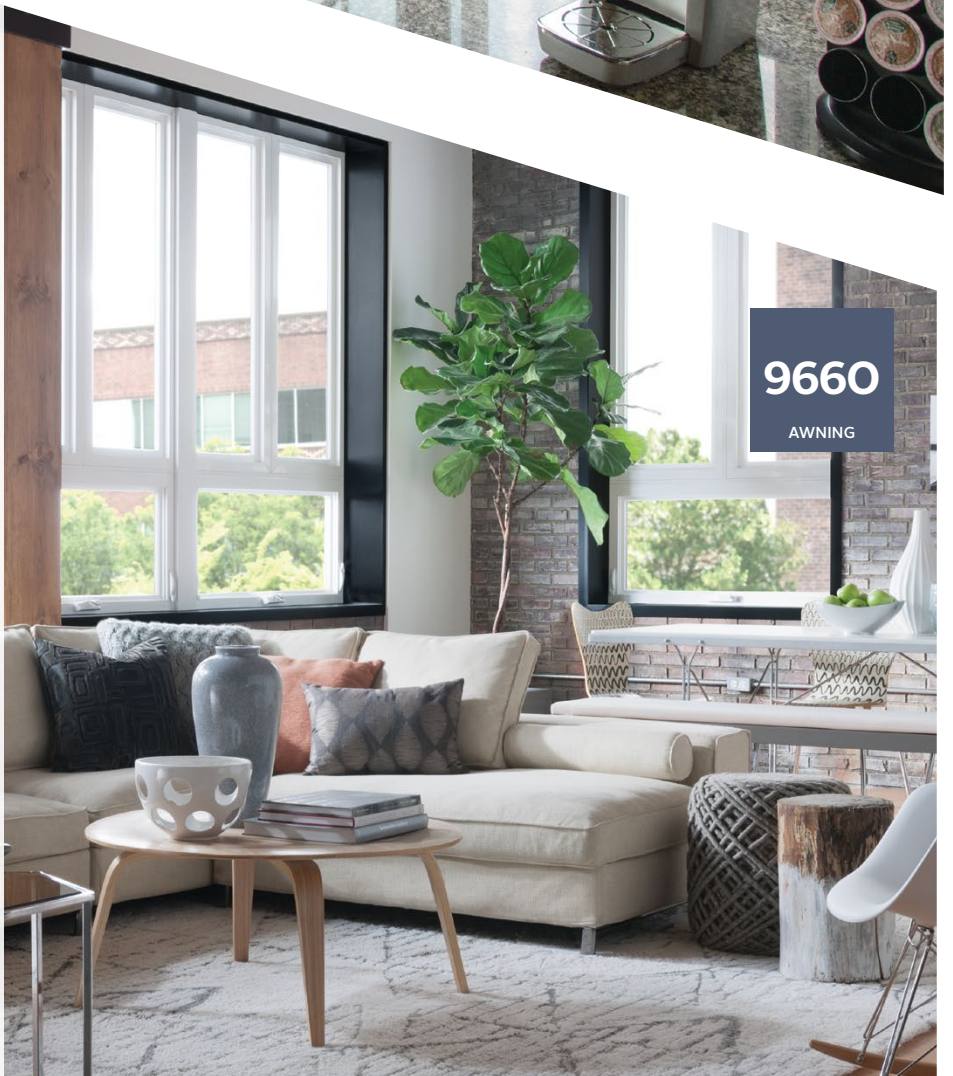
- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- Welded, multi-chambered frame and sash for superior strength and energy-efficiency
- Triple weatherstripping for enhanced thermal performance
- Integral J-Channel and mounting fin with pre-punched holes for easy and efficient installation
- Multi-point locking hardware creates a tighter, safer seal
- Optional 3 1/2" flat casing exterior accessory achieves a colonial aesthetic

### 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
- Mounting fin

9660

AWNING





**3580**

SINGLE-SLIDER

## 3580 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
- Integral J-Channel and mounting fin with pre-punched holes for easy and efficient installations
- Metal-reinforced meeting rail delivers strength and durability
- Brass roller system results in easy operation
- Dual-opposing, surface-mount cam locks

### PRODUCT DETAILS

- Multi-chamber mainframe design
- 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




## 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 <sup>1</sup>/<sub>4</sub>" frame depth
  - <sup>3</sup>/<sub>4</sub>" dual-pane or <sup>7</sup>/<sub>8</sub>" triple-pane insulated glass
  - Mounting fin
  - Wood extension jambs available for 4 <sup>9</sup>/<sub>16</sub>" and 6 <sup>9</sup>/<sub>16</sub>" wall depths
- 

## 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
- Mounting fin

## 4300PW Picture Window

### FEATURES & BENEFITS

- Multi-chambered construction
- Brickmould profile
- Slim sight lines for a modern appearance
- Warm-edge spacer system
- Double-strength glass
- Optional 3 1/2" flat casing

### 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
- Mounting fin

## 1556PW Picture Window

### FEATURES & BENEFITS

- Multi-chambered construction
- Warm-edge spacer system
- Double-strength glass
- Optional 3 1/2" flat casing

### 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
- Mounting fin

**3500  
PW**  
FIXED

**4300  
PW**  
FIXED

**1556  
PW**  
FIXED





910

SLIDING  
GLASS DOOR

## 910 Sliding Glass Door

### FEATURES & BENEFITS

- Warm-edge spacer system maximizes energy efficiency and improves seal performance of insulated glass units
- Welded, multi-chambered vinyl frame for superior strength and energy efficiency
- Insulated tempered glass for improved performance
- Interlock at fixed meeting rail helps reduce air infiltration
- Tandem ball bearing roller system and aluminum tracks create effortless operation

### PRODUCT DETAILS

- 4  $\frac{3}{4}$ " frame depth
- $\frac{3}{4}$ " insulated glass
- J-Channel and brickmould options available
- Mounting fin



## 1600 Series Sliding Glass Door

### FEATURES & BENEFITS

- Available in setup (1615), knockdown (1617), and multi-slide (1618) 2-, 3-, 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 peace 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

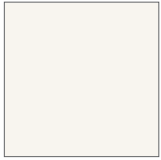
1600  
SERIES

SLIDING  
GLASS DOOR

# Color Options\*

## 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 offer enduring style for any home.



White



Almond



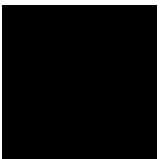
Clay

## LAMINATES

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



Bronze



Black

## EXTERIOR PAINT

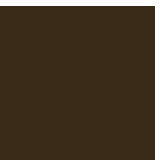
Environmentally friendly, water-based coatings provide outstanding coverage and durability, and offer long-term performance and customized beauty. Our oven-baked application ensures the paint will maintain color and prevents cracking, fading, peeling, blistering, and abrasion from impact.



Almond



Forest Green



Bronze



Clay



Cocoa



Cream



Black



Silver





# 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



Flat



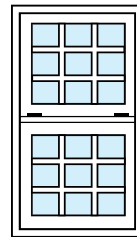
Sculptured

## SIMULATED DIVIDED LIGHT

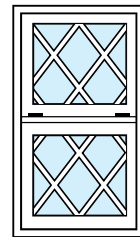


2" Simulated Meeting Rail

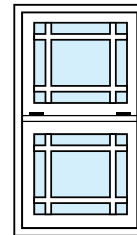
## GRID PATTERNS



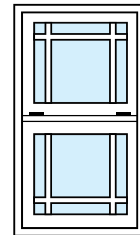
Colonial



Diamond



9-Light Perimeter



6-Light Perimeter

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



Experience Clarity™

