

# MIRA<sup>®</sup>

**PlyGem<sup>®</sup>**  
WINDOWS & DOORS

WINDOWS & PATIO DOORS



CASEMENT & AWNING



**NOT ALL WINDOWS ARE CREATED EQUAL.**

Windows are a reflection of style and a reflection of luxury. Make the best possible statement with Ply Gem MIRA Aluminum-Clad Wood Windows. Designed with exquisite craftsmanship and one-of-a-kind details, it can help you bring your unique vision to life. And, because it's a Ply Gem window, you can take comfort in knowing that it's built with energy-efficiency and long lasting quality in mind.



[windows.plygem.com](http://windows.plygem.com)





# CASEMENT & AWNING



**Home Innovation**  
NGBS GREEN CERTIFIED™

**PLY GEM MIRA SERIES WINDOWS HAVE BEEN GREEN APPROVED BY THE HOME INNOVATIONS RESEARCH LAB.**

This means you can be assured that Ply Gem MIRA series windows comply with specific green practice criteria in the National Green Building Standard. Visit [www.homeinnovation.com/greenproducts](http://www.homeinnovation.com/greenproducts) for more details.

## STANDARD FEATURES

- Casement sash opens 90 degrees for greater airflow and easy cleaning.
- Awning sash opens approximately 12 inches for ventilation even during a slight rain.
- Sleek fold-down crank handle won't interfere with window treatments
- 6/4 sash construction for historically accurate wood window look
- 4<sup>9</sup>/<sub>16</sub>" jambs made of clear wood eliminate extensive drywall work
- Sash and interior made with select clear wood; ready for paint or stain to match any interior décor (also available in primed or prefinished in white, off white, and black)
- Integral face groove allows for easy mulling and exterior accessory application
- Pre-punched nailing fin for simple installation
- AAMA 2604 paint finish provides superior resistance to chalking and fading
- Available in 8 standard colors shown below along with 38 Signature and Radiance colors. Available custom color match
- Energy-efficient Warm Edge insulating HP glass (Low-E/argon gas fill) reduces energy costs while reducing fabric fading
- Vacuum-treated, solid wood components resist damage from water and fungus
- Durable .050 extruded aluminum cladding on all exterior surfaces resists dings and dents while providing structural integrity
- Stainless steel hardware



## CASEMENT THERMAL PERFORMANCE

	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
<b>WITH WARM EDGE</b>				
7/8" Low-E	2.86	0.35	0.27	0.48
7/8" Low-E <sup>SC</sup>	2.86	0.35	0.20	0.38
7/8" Low-E <sup>PS</sup>	2.86	0.35	0.40	0.49
7/8" Low-E 2+	3.23	0.31	0.27	0.48
7/8" Low-E <sup>SC</sup> 2+	3.23	0.31	0.20	0.38
7/8" HP	3.13	0.32	0.27	0.48
7/8" HP <sup>SC</sup>	3.13	0.32	0.20	0.38
7/8" HP <sup>PS</sup>	3.13	0.32	0.40	0.49
7/8" HP 2+	3.57	0.28	0.26	0.47
7/8" HP <sup>SC</sup> 2+	3.57	0.28	0.19	0.37
<b>WITH WARM EDGE+</b>				
7/8" Low-E	3.03	0.33	0.27	0.48
7/8" Low-E <sup>SC</sup>	3.03	0.33	0.20	0.38
7/8" Low-E <sup>PS</sup>	3.03	0.33	0.40	0.49
7/8" Low-E 2+	3.33	0.30	0.27	0.48
7/8" Low-E <sup>SC</sup> 2+	3.33	0.30	0.20	0.38
7/8" HP	3.33	0.30	0.27	0.48
7/8" HP <sup>SC</sup>	3.33	0.30	0.20	0.38
7/8" HP <sup>PS</sup>	3.33	0.30	0.40	0.49
7/8" HP 2+	3.70	0.27	0.26	0.47
7/8" HP <sup>SC</sup> 2+	3.70	0.27	0.19	0.37

All units rated in accordance with NFRC 100/200 standards by a NAMI Accredited lab. Performance values reflect the performance of units tested with the following configuration: 7/8" IGU, 3mm glass, no grilles and Warm Edge spacer system and Warm Edge+ spacer system.

R VALUE: Restrictive ambient air flow; U FACTOR: Rate of heat loss; SHGC: Solar Heat Gain Coefficient; VT: Visible Transmittance

\*LEED for Homes is a rating system of the U.S. Green Building Council that promotes the design and construction of high-performance green homes.

Most unit sizes ENERGY STAR® qualified in most zones and may be eligible for LEED for Homes® credits.

## OPTIONS

### GLASS OPTIONS:

HP<sup>SC</sup>, HP2+, HP2+<sup>SC</sup>, HP<sup>PS</sup>, HP2+<sup>PS</sup>, (Low-E, Low-E<sup>SC</sup> and Low-E2+ for high altitude applications), Warm Edge+, tinted, tempered, obscure, laminated and black spandrel

### GRILLE OPTIONS:

Color-coordinated grilles-between-the-glass (GBG) in 5/8" and 7/8" flat, 5/8" sculptured and 1" contoured in white only; simulated-divided-lite (SDL) available in 7/8" and 1 1/4"; 7/8" full surround removable wood grilles; 2 1/8" simulated check rail available

### EXTERIOR CASING:

180 Brick Mould, 3/4" Williamsburg, 3 1/2" Flat and Sill Nose, factory or field applied

### EXTENSION JAMBS:

Custom from 4 9/16" to 8 9/16" in prefinished white, prefinished black, prefinished off-white, primed or natural "clear" wood

### HARDWARE FINISHES:

White, black, taupe, beige, bright brass, antique brass, satin nickel and oil rubbed bronze

### PRODUCT CONFIGURATION:

Twins, fixed, combinations, bays & bows, circle heads, quarter circles, ellipticals, transoms, true radius, arches and various architectural shapes



## STANDARD EXTERIOR CLADDING COLOR OPTIONS



NOTE: To see our full color collection, visit our website [windows.plygem.com](http://windows.plygem.com), or contact your local sales representative. Colors shown are close approximations and many not be accurate representations for color matching. Please request color swatches from your Ply Gem sales representative.

1. Optional Warm Edge+ spacer system for enhanced performance.
2. Impact Rated units are available in select sizes and configurations.