



IMPACT DOUBLE HUNG

Ply Gem MIRA Aluminum-Clad Wood Impact Windows takes protection to a whole new level. With the ability to withstand the impact of wind-blown objects, homeowners will enjoy extra comfort and added security. Best of all, MIRA Impact Windows provide the same lasting look as traditional Ply Gem MIRA Aluminum-Clad Wood Windows. Delivering both impact performance and style, this is your choice for premium aluminum clad-wood impact rated windows.



IMPACT DOUBLE HUNG

plygem.com/windows-doors



STANDARD EXTERIOR OPTIONS



Additional Signature and Radiance color options available ranging from dark bold hues to vibrant metallics.

TESTING & PERFORMANCE DATA

- Rated in accordance with International Residential Codes.
- Passes ASTM E1886/1996 Large Missile Impact and Cycling Tests.
- Meets AAMA/WDMA/CSA 101/I.S.2/A440 standard. Florida Building Commission Approved.
- Ply Gem MIRA Impact Windows and Doors meet impact requirements in U.S. Zone 2 (110-120 mph) and Zone 3 (120-140 mph).
- Meets wind-borne debris specifications for large missile D (8' missile for Impact Zone 3 at 50 ft/sec) and small missile C (4' missile for Impact Zone 2 at 40 ft/sec).
- Performance meets or exceeds structural rating of LC50.

PERFORMANCE

NFRC THERMAL PERFORMANCE				
	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
¾" HP Laminated	2.78	0.36	0.28	0.5
¾" HP ^{SC} Laminated	2.78	0.36	0.21	0.39
¾" HP2+ Laminated	2.94	0.34	0.27	0.48
WITH WARM EDGE*				
¾" HP Laminated	2.78	0.36	0.28	0.5
¾" HP ^{SC} Laminated	2.78	0.36	0.21	0.4
¾" HP2+ Laminated	3.03	0.33	0.27	0.48

All units rated in accordance with NFRC 100/200 standards by a AAMA Accredited lab. Performance values reflect the performance of units tested with the following configuration: ¾" IGU, laminated 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.

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

*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.



STANDARD FEATURES

- Tilt-in sash design for easy cleaning from the safety of inside your home
- Sash interlock provides superior structural performance
- Stepped jambliner design for superior structural performance while maximizing available daylight opening
- Three-piece jambliner allows for different interior and exterior jambliner colors
- 6/4 sash construction for historically accurate wood window look
- 4 5/16" 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 white, black or off-white)
- 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
- Energy-efficient Warm Edge insulating HP glass reduces energy costs while reducing fabric fading
- Vacuum-treated, solid wood components resist damage from water and fungus
- Durable extruded aluminum cladding on all exterior frame surfaces resists dings and dents while providing structural integrity

OPTIONS



GLASS OPTIONS:

HP^{SC} glass, HP2+ glass, Warm Edge+, tinted, tempered, and obscure



GRILLE OPTIONS:

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

EXTERIOR CASING:

180 Brick Mould, 3/4" Williamsburg, 3/2" Flat and Sill Nose (available as factory or field applied)

EXTENSION JAMBS:

Custom from 4 5/16" to 8 5/16" in prefinished white, prefinished black, prefinished off-white, primed or natural "clear" wood

HARDWARE FINISHES:

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

PRODUCT CONFIGURATION:

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

1. HP glass combines Low-E with argon gas fill for high performance.
2. Optional HP^{SC} glass combines Solar Cooling optimized Low-E with argon gas fill for high performance for warmer climates.
3. Optional Warm Edge+ spacer upgrade for enhanced performance.

