IMPACT CASEMENT & AWNING

Ply Gem Windows MIRA Premium Impact Series 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 Premium Impact Series Windows provide the same lasting look as traditional MIRA Premium Series Windows. Delivering both impact performance and style, this is your choice for premium aluminum clad-wood impact rated windows.

STANDARD FEATURES

- Laminated glass with PVB inner layer to maintain seal integrity in high impact situations
- Durable extruded aluminum cladding on all exterior surfaces resists dings and dents while providing structural integrity
- 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
- Recessed sash provides resistance to water infiltration
- 6/4 sash construction for historically accurate wood window look
- 90° opening sash for greater airflow and easy cleaning
- Sleek fold-down crank handle won't interfere with window treatments
- ENERGY STAR® qualified in all zones
- Possible LEED for Homes credits
- Hardware that meets the challenge of harsh conditions of coastal environment

STANDARD EXTERIOR OPTIONS

WHITE

DARK BRONZE

BLACK

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 Premium 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 DP50.

PERFORMANCE

NFRC THERMAL PERFORMANCE				
	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
¾" HP	3.13	0.32	0.22	0.38
¾" HP^{SC}	3.03	0.33	0.22	0.29
WITH WARM EDGE⁺				
¾" HP	3.23	0.31	0.22	0.38
¾" HP^{SC}	3.23	0.31	0.22	0.29

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: ¾" IGU, 3mm impact 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.

OPTIONS

GLASS OPTIONS
HP^{SC} glass, Warm Edge+, tinted and obscure

GRILLE OPTIONS
Color coordinated grilles-between-the-glass (GBG) in ⅝" and ⅞" flat, ⅝" sculptured; simulated-divided-lite (SDL) available in ⅞" and 1¼"; ⅞" full surround removable wood grilles

EXTERIOR CASING
J Channel, Sill Nose, 180 Brick Mould, 3¼" Williamsburg, 3½" Flat

EXTENSION JAMBS
Custom from 4⁹⁄₁₆" to 8⁹⁄₁₆" in prefinished white or natural "clear" wood

HARDWARE FINISHES
White, taupe, sandalwood, bright brass, antique brass, satin nickel, oil rubbed bronze

PRODUCT CONFIGURATION
Twins, fixed, combinations, bays & bows, 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.

ASK ABOUT ENERGY STAR

Ply Gem®

PART OF THE CORNERSTONE BUILDING BRANDS FAMILY | SIDING + ACCESSORIES | WINDOWS + DOORS | STONE VENEER | TRIM + MOULDINGS | FENCE + RAILING