

MIRA

PREMIUM SERIES

W I N D O W S

 **Ply GEM**
WINDOWS

IMPACT RATED



**IMPACT FRENCH
OUTSWING PATIO DOOR**



DOORS THAT REALLY MAKE AN IMPACT.

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





IMPACT FRENCH OUTSWING PATIO DOOR



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.

Visit www.floridabuilding.org for more information.

STANDARD FEATURES

- Sizing of 8-0 and 6-10 heights and up to 6-0 width are available
- Direct set door transoms and circle heads up to 6-0 width
- Laminated glass with PVB inner layer to maintain seal integrity in high impact situations
- Durable extruded aluminum frame cladding resists dings and dents; provides structural integrity
- AAMA 2604 paint finish exterior and your choice of a stainable wood or pre-finished white interior
- Tempered HP glass standard
- ENERGY STAR® qualified in Southern, South/Central and North/Central zones
- Solid wood components, vacuum-treated to resist damage from water and fungus
- 1 3/4" thick panels incorporating WaterBarrier™ technology
- Exterior of door panels utilize a Medium Density Overlay (MDO) and feature a composite block material finger-jointed into the bottom of the stiles to create an exterior that stops water in its tracks
- Extruded aluminum nail fin for ease of installation
- Stainless steel ball bearing hinges are standard and ensure smooth operation
- Standard multi-point lock system
- Hardware that meets the challenge of harsh conditions of coastal environment



NFRC THERMAL PERFORMANCE

	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" HP Glass	2.56	0.39	0.22	0.38
3/4" HP ^{SC} Glass	2.56	0.39	0.22	0.29
WITH WARM EDGE+				
3/4" HP Glass	2.63	0.38	0.22	0.38
3/4" HP ^{SC} Glass	2.63	0.38	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: 3/4" 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.

1. HP glass combines Low-E with argon gas fill for high performance.
2. Physical Vapor Deposition (PVD) is a vacuum coating technique that creates a very hard, durable "lifetime" finish.
3. Optional HP^{SC} glass combines Solar Cooling optimized Low-E with argon gas fill for high performance for warmer climates.
4. Optional Warm Edge+ spacer system for enhanced performance.

EXTERIOR CLADDING COLOR OPTIONS



NOTE: Colors shown are close approximations and may not be accurate representations for color matching. Please request color swatches from your Ply Gem sales representative to do so.

OPTIONS

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

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

EXTERIOR CASING: J Channel, 180 Brick Mould, 3 1/2" Flat, 3 1/4" Williamsburg

JAMB WIDTHS: 4 9/16" and 6 9/16" full width jambs in prefinished white or natural "clear" wood

SURFACE BOLT FINISHES: Bright brass, antique brass, satin nickel, oil rubbed bronze

HARDWARE OPTIONS: Stainless steel, PVD² bright brass, PVD satin nickel, two-way adjustable hinges

PRODUCT CONFIGURATION: Circle heads, ellipticals, transoms, arches and various architectural shapes

