

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION
DR-526

Effective Date: March 1, 2012
Reevaluation Date: **May 2015**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Mira Outswing French Hinged Aluminum Clad Wood Door, Non-impact Resistant, manufactured by

Ply Gem Window Group
433 North Main Street
Rocky Mount, Virginia 24151
Telephone: (800) 999-8400

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Mira Outswing French Hinged Aluminum Clad Wood Door (OXXO)	SHD-LC45 149 x 98	± 45

Component Dimensions:

System	Overall Door Size	Operable Panel Size	Fixed Panel Sizes	Daylight Opening Size
1	149.5625" x 98.063"	Two: 36.0625" x 96"	Two: 36" x 96"	Four: 25" x 81.875"

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	PWG-M-163
	Product Name	Mira Outswing French Hinged Aluminum Clad Wood Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Component Dimensions:

System	Component	Quantity	Attachment Method
1	4" Butt Hinges	4	Secured to the door panel with four (4) No. 10 x $\frac{3}{4}$ " screws. Secured to the door frame jamb with two (2) No. 9 x $\frac{3}{4}$ " screws and two (2) No. 9 x $2\frac{1}{4}$ " screws.
	Strike plates	2	Secured with two (2) No. 8 x $2\frac{1}{4}$ " screws in each strike plate.
	Triple bolt latch system	1	N/A

Installation:

System			
1	Type of Installation	Door Frame	
	Wall Framing	Southern Pine	
	Fasteners	Minimum No. 8 modified truss head screw and Minimum No. 8 x 3" Phillips pan head screws	
	Fastener Embedment	Minimum of $1\frac{1}{2}$ inches into the wall framing	
	Fastener Location/Spacing	Head	No. 8 Phillips pan head screw located a maximum of 2.5" from each corner and spaced 12" o.c. thereafter; No. 8 x 3" Phillips pan head screw located 6" from each corner and spaced a maximum of 24" o.c. thereafter.
		Sill	None
Side Jamb		No. 8 Phillips pan head screw located a maximum of 2.5" from each corner and spaced 12" o.c. thereafter; No. 8 x 3" Phillips pan head screw located 6" from each corner and spaced a maximum of 24" o.c. thereafter.	

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.