



# Product Evaluation

DR720 | 0615

Engineering Services Program

*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.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** DR-720

**Effective Date:** June 1, 2015

**Re-evaluation Date:** June 2019

**Product Name:** 8'0" Solid Mahogany Stile and Rail Wood Glazed Inswing and Outswing Hinged Double Doors with Sidelites, Impact Resistant

**Manufacturer:** Exclusive Wood Doors  
1950 NW 70<sup>th</sup> Ave  
Miami, FL 33126  
(305) 477-7140

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	8'0" Solid Mahogany Stile and Rail Wood Opaque Inswing and Outswing Hinged Doors with Sidelites; OXXO	Maximum Size Tested: 10'5" x 8'2"; Large Missile Impact Rated (Equivalent to Missile Level D)	+47/-47 psf

### Product Dimensions (Overall and Door Panels):

System	Overall Size	Panel Size	Glass Daylight Opening Size – Door Panel
1	125-5/16" x 98-1/4"	Active Panel: 36" x 96" Inactive Including TD-astragal): 36-7/16" x 96"	23-3/16" x 77"

**Product Dimensions (Sidelites):**

System	Sidelite Panel Size	Glass Daylight Opening
1	24" x 96"	Sash Option: 15" x 77" Direct Set Option: 22-5/8" x 95-1/8"

**Hardware:**

- **Hinges:** three (3) required per door panel; secure to the door panel with four (4), No. 12 x 1-1/4" Philips flat head screws; secure to the doorjamb with four (4), No. 12 x 1-1/4" Philips flat head screws.
- **Schlage F-300 Series Latchbolt:** locate on the active door panel.
- **Schlage F-300 Series Deadbolt:** locate on the active door panel.
- **Ives Surface Bolts:** located on the inactive panel at the top and bottom.
- **Strike Plate – Latchbolt:** one required; locate on the doorjamb; secure with two (2), No. 8 x 2-1/2" Philips flat head screws.
- **Strike Plate – Deadbolt:** one required; locate on the doorjamb; secure with two (2), No. 8 x 2-1/2" Philips flat head screws.
- **Surface Bolt Strike Plate (Outswing Doors):** secure with two (2), No. 8 x 2-1/2" Philips flat head screws at the threshold and with two (2), No. 8 x 2-1/2" Philips flat head screws at the head.
- **Surface Bolt Strike Plate (Inwing Doors):** secure with two (2), No. 10 x 2-1/2" Philips flat head screws at the threshold and with two (2), No. 10 x 2-1/2" Philips flat head screws at the head.

**Threshold:**

- Inswing: sloped adjustable aluminum threshold, 1" high
- Outswing: bump face aluminum with oak cap threshold, 1.48" high

**Product Identification (Certification Agency Label on Window):**

System	Certification Agency Label on Window	
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Exclusive Wood Doors
	Product Name	8'0" Solid Mahogany Stile and Rail Glazed Impact Doors w/ or w/o Impact Glazed Sidelites
	Test Standards	TAS 201/202/203-94

**Impact Resistance:**

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Acceptance of Smaller Assemblies:** TDI accepts door assemblies with dimensions equal to or smaller than those specified within the limitations of this report.

Acceptable configurations are: X/XX/OX/XO/OXO/OXXO.

**Installation:** The wood wall-framing members must be minimum Southern Yellow Pine dimension lumber. Secure the assembly to the wall framing using the frame of the assembly. Fasteners must be minimum No. 8 x 2-1/2" Philips flat head screws. The fasteners are located as follows:

Side Jambs: Approximately 4" from each corner and four (4) screws evenly spaced between them.

Head and Sill: Approximately 4" from each outside corner, approximately 3" and 6" on either side of each mullion, and one (1) at the mid span of each door panel and each sidelite.

Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.