



Product Evaluation

DR283 | 0718

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-283

Effective Date: July 1, 2018

Re-evaluation Date: January 2019

Product Name: Portobello and Estancia Wood Glazed Inswing and Outswing Hinged Doors, Non-impact Resistant

Manufacturer: Glass Craft Company
2002 Brittmore Road
Houston, TX 77043-2209
(713) 690-8282

General Description:

System	Description	Label Rating	Design Pressure
1	Portobello and Estancia Wood Inswing Hinged Doors; X	Maximum Size Tested: 3'8" x 8'2"	+47.20 / -51.40 psf
2	Portobello and Estancia Wood Outswing Hinged Doors; X	Maximum Size Tested: 3'8" x 8'2"	+47.20 / -51.40 psf

Component Dimensions:

System	Overall Size	Door Panel Size	Door Panel Daylight Opening Size
1, 2	43-5/8" x 98-3/4"	42" x 96"	26-7/8" x 66"

Hardware:

- Hinges; Four (4) required; secure to the door panel with four (4) No. 8 x 3" screws. Secure to the door jamb with two (2) No. 8 x 3" screws and two (2) No. 8 x 1" screws.
- Schlage F-Series Single point Lockset; Located on the active door panel.
- Schlage B-Series Deadbolt; Located on the active door panel.
- Strike plate (lockset); one (1) required; secure to the door side jamb with two (2) No. 8 x 3" screws.
- Strike plate (deadbolt); one (1) required; secure to the door side jamb with two (2) No. 8 x 3" screws.
- Surface bolt; Two (2) required; Located at the top and bottom of the door panel; attach each to the door panel with four (4) No. 10 x 1" screws.
- Strike plate (surface bolts); two (2) required; secure to the door head frame with two (2) No. 8 x 3" screws. Secure to the door threshold with two (2) No. 10 x 3" screws.

Product Identification (Certification Agency Label on Door):

System		
1, 2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Glass Craft Door Company
	Product Name	Portobello & Estancia Glazed Inswing & Outswing Single Hardwood Door
	Test Standards	ASTM E 330-02

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

Installation: Use a minimum Southern Yellow Pine dimension lumber for the wood wall-framing members. Secure the door to the wall framing using the door frame head and side jambs with minimum No. 8 x 3" wood screws. Along each side jamb, two rows of fasteners are required, located approximately 6" from each corner and 24" on center. Along the head, use two fasteners, evenly spaced. No fasteners are required along the sill. Use fasteners 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.