

Product Evaluation

DR283 | 0323

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: March 1, 2023

Re-evaluation Date: January 2025

Product Name: Series "Portobello & Estancia" Wood Glazed Hinged Doors, Single, Inswing and Outswing, Non-Impact Resistant

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

General Description:

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

Product Dimensions:

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

Components and 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.
- **Lockset:** Schlage F-Series Single point Lockset; Located on the active door panel.
- **Deadbolt:** 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 Label on Door):

System		
1	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 E330-02

Impact Resistance:

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

Installation:

System		
1	Type of installation	Frame Installation
	Wall framing	Southern Yellow Pine dimension lumber
	Fasteners	Minimum No. 8 x 3" screws
	Fastener location/spacing	Two rows required; Approximately 6" from each corner and 24" on center along the side jambs; two screws evenly spaced at the head.
	Fastener penetration	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 and the IBC.