

## Product Evaluation

DR793 | 0423

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-793

**Effective Date:** April 1, 2023

**Re-evaluation Date:** January 2025

**Product Name:** Glazed Triple Fiberglass Side Hinged Doors, Inswing and Outswing, Frame Installation, Impact Resistant

**Manufacturer:** GlassCraft Door Company  
2002 Brittmoore Rd.  
Houston, TX 77043  
(713) 690-8282

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Glazed Triple Fiberglass Side Hinged Doors w/ Sidelite; OXXX	MST: 129 x 98 Missile Level D	+50 / -50 psf

### Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	129" x 98"	36" x 96"	Door: 20-1/2" x 63" Sidelite: 7" x 63"

**Components and Hardware:**

- **Penrond 5/8" Radius Door hinges:** twelve required; secure with two No. 9 x 3" wood screws through the end holes and two No. 9 x 1" wood screws through the center holes
- **Imperial Series 3-point lockset:** one required
- **Strike plate:** one required; secure with two No. 9 x 3" wood screws
- **Flush Bolts:** four required

**Product Identification (Certification Label on Door):**

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Glass Craft Door Company
	Product name	Triple Fiberglass Glazed Inswing & Outswing Door
	Test standards (There are separate labels)	ASTM E 330-02 ASTM E1886-13a/E1996-14a Missile Level D

**Compliance:** The products comply with ASTM E 330-14 as reference in the 2018 IRC and 2018 IBC.

**Impact Resistance:**

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

**Installation:**

System		
1	Type of installation	Screw Through Frame
	Wall framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 9 x 3" wood screws
	Fastener location/spacing	Side Jambs: 12" from each corner and on center Head/Sill: 4" from each corner and 12" on center
	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.