

Product Evaluation

DR1247 | 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-1247

Effective Date: March 1, 2023

Re-evaluation Date: February 2025

Product Name: Opaque Fiberglass Side Hinged Doors, Inswing and Outswing, with Speakeasy, 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 Fiberglass Side Hinged Doors, Inswing and Outswing, with Speakeasy; X	MST: 37.5 x 98 Missile Level D	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Speakeasy Opening Size
1	37-1/2" x 98"	36" x 96"	6" x 11-1/2"

Components and Hardware:

- **Penrod 4" x 4" Hinges:** Four (4) required; secure to the door panel and to the door jamb with two (2) No. 9 x 3" wood screws and two (2) No. 9 x 1" wood screws
- **Imperial 3-point lockset:** one required
- **Strike plate:** Four (4) required; each secured with two (2) No. 9 x 3" wood screws
- **Endura Sill:** ZAIL 5866

Product Identification (Certification Label on Door):

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Glass Craft Door Company
	Product name	Opaque Inswing or Outswing Fiberglass Door w/Speak Easy
	Test standards (There are separate labels)	Label 1: ASTM E 330-02 Label 2: 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 have been tested for windborne debris resistance. 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.