



Product Evaluation

DR867 | 1017

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-867

Effective Date: October 1, 2017

Re-evaluation Date: May 2020

Product Name: Steel Glazed Inswing and Outswing Triple Side-Hinged Doors, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure
1	Steel Glazed Inswing and Outswing Side-Hinged Triple Doors; XXX	ASTM E330-02 Maximum Size Tested: 119 x 98	+80 / -80 psf

Component Dimensions:

System	Overall Size	Door Panel Size	Door Panel Daylight Opening Size
1	119-3/8" x 98"	Three (3); 36" x 96"	21" x 63"

Components and Hardware:

System	Component	Quantity	Attachment Method
1	Penrod Door Hinge	4 per door panel	Secured to the door panel and to the door frame with two No. 9 x 3" screws and two No. 9 x 1" screws
	Rockwill 3-point lock	1 per active door panel	Secured to the door panel with nine No. 8 x 3" screws
	Strike Plates – 3-point lock	4 located on door frame/astragal	Each secured with two No. 9 x 3" screws
	Flush Bolts	One required at top and bottom of passive door	Each secured with four 10-32 sex bolts
	Strike Plates – flush bolts	1 required at head and sill	Each secured with two No. 9 x 3" screws

Threshold: Endura ZAIL 5866 aluminum threshold, inswing/outswing.

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Glass Craft Door Company
	Product Name	Triple Steel Glazed Inswing & Outswing Door
	Test Standards	ASTM E 330-02

Impact Resistance:

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

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:

System		
1	Wall Framing	Spruce-Pine-Fir Dimension Lumber
	Fasteners	Minimum No. 9 x 3" screws
	Fastener Location/Spacing	Jamb: Approximately 12" from the corners and 12" on center. One through the top and bottom holes of each hinge. Head and Sill: Approximately 4" from the corners and 12" on center.
	Fastener Embedment	Minimum 1-1/2" into 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.