



Product Evaluation

DR828 | 0217

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-828

Effective Date: February 1, 2017

Re-evaluation Date: April 2019

Product Name: Mahogany Glazed Single Inswing and Outswing Side Hinged TDL Door w/TDL Sidelites and Mahogany Glazed Inswing and Outswing Double Side Hinged TDL Door w/Half Circle TDL Transom, Non-impact Resistant

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

General Description:

System	Description	Label Rating
1	Mahogany Glazed Single Inswing and Outswing Side Hinged Door w/TDL Sidelites	+47.18/-61.60 psf MST: 5'9" x 8'2"
2	Mahogany Glazed Double Inswing and Outswing Double Side Hinged Door w/Half Circle Transom	+44.24/-55.72 psf MST: 6'2" x 11'6"

Component Dimensions - Doors:

System	Overall Size	Panel Size	TDL Daylight Opening Size
1	68-1/2" X 98"	Door: 36" X 96" Sidelite: 14" X 96"	Door: Six; 11" x 19-15/16" Sidelite: Three; 11" x 20-1/2"
2	74-1/8" X 137-3/4"	Door: 36" X 96" Transom: 72-3/8" X 36"	Each Door Panel : Six; 11" x 19-15/16" Transom: Overall glass size: 72-3/8" X 36"

Components and Hardware:

System	Component	Quantity	Attachment Method
1	Door Hinge	4 Per Leaf	Four 4" butt hinges are located 9-1/8", 34-1/2", 59-1/2", and 84-3/4" on center from top of jamb. Hinges are fastened to each leaf with four #8 x 3" screws. Each hinge is secured to the jamb two #8 x 3" screws and two #8 x 1" flat head screw.
	Surface Bolt	2	Attached to the top and bottom of the leaf with four #10 x 1" flat head machine screws with a 1-1/2" long blind nut.
	Strike Plate	2	Attached to the head with two #8 x 3" screws and to threshold with two #10 x 3" sheet metal screws.
	Single Point Lock Set	1	One Schlage F-300 Series located 36" on center from bottom of the leaf. 1
	Deadbolt	1	One Schlage dead bolt located 41-5/8" on center from the bottom of the leaf.
2	Door Hinge	4 Per Leaf	Four 4" butt hinges are located 9-1/8", 34-1/2", 59-1/2", and 84-3/4" from top of jamb. Hinges are fastened to each leaf with four #8 x 3" screws. Each hinge is secured to the jamb two #8 x 3" screws and two #8 x 1" flat head screw.
	Surface Bolt	2	Attached to the top and bottom of the leaf with four #10 x 1" flat head machine screws with a 1-1/2" long blind nut.
	Astragal Strike Plate	2	Two metal strike plates located in the astragal secured with two #8 x 2-1/2" flat head screws.
	Single Point Lock Set	1	One Schlage F-300 Series located 36" on center from bottom of the leaf.
	Deadbolt	1	One Schlage dead bolt located 41-5/8" on center from the bottom of the leaf.

Product Identification (Certification Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Glass Craft Door Company
	Product Name	Mahogany TDL Glazed Single Door Inswing or Outswing Door w/TDL Sidelites
	Test Standards	ASTM E 330-02
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Glass Craft Door Company
	Product Name	Mahogany TDL Glazed Double Door Inswing or Outswing w/Half Circle TDL Transom
	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.

Sidelites: Sidelites must only be used with doors. Sidelites must not be installed individually.

Transoms: Transoms must only be used with doors. Transoms must not be installed individually.

Installation:

System		
1	Type of Installation	New or Replacement Construction
	Wall Framing	# 2- Southern Pine
	Fasteners	#8 x 3" wood screws
	Fastener Location/Spacing	Jambs - #8 x 3" screws located 2" from each corner and on 12" spacing thereafter.
	Fastener Penetration	Wood: Minimum 3" into framing
2	Type of Installation	New or Replacement Construction
	Wall Framing	#2 Yellow Pine 2" x12"
	Fasteners	#9 x 3" wood screws
	Fastener Location/Spacing	Jambs- #8 x 3" screws located 2" from each corner and on 12" spacing thereafter.
	Fastener Penetration	Wood: Minimum 3" into framing

Note: Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.