

Product Evaluation

DR1010 | 1021

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-1010

Effective Date: October 1, 2021

Re-evaluation Date: September 2023

Product Name: TDL Hardwood Side Hinged Doors, Glazed, Inswing and Outswing, Singles with Sidelite, and Doubles, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	TDL Hardwood Double Door, Glazed, Inswing/Outswing, (XX)	MST: 113.5 x 98.75	+60 / -60 psf
2	TDL Hardwood Single Door w/ Sidelite, Glazed, Inswing/Outswing, (OX)	MST: 52.75 x 98.75	+60 / -60 psf
3	TDL Hardwood Arch Top Double Door, Glazed, Inswing/Outswing, (XX)	MST: 74.25 x 98.75	+60 / -60 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	113-1/2" x 98-3/4"	36" x 96"	11" x 30-5/8"
2	52-3/4" x 98-3/4"	36" x 96"	Door: 20-7/8" x 66-1/4" Sidelite: 9" x 66-1/4"
3	74-1/4" x 98-3/4"	36" x 96"	11" x 20"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-3	Hinges	3 per door leaf	Attached to the door leaf and into the side jambs with two No. 9 x 1" screws in the two center holes and two No. 8 x 3" wood screws in the outer holes
	Kwikset Lockset with deadbolt lock	1 per active door	Located on the locking jamb of the door panel
	Surface Bolts	2 per door leaf	Attached to the door leaf with minimum 1-1/2" screws

Product Identification (Certification Label on Door):

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Glass Craft Door Company
	Product name	Glazed Inswing & Outswing Double TDL Hardwood Door
	Test standards	ASTM E330-14
2	Certification agency	NAMI
	Manufacturer's name or code name	Glass Craft Door Company
	Product name	Glazed Inswing & Outswing Single TDL Hardwood Door w/ Sidelite
	Test standards	ASTM E330-14
3	Certification agency	NAMI
	Manufacturer's name or code name	Glass Craft Door Company
	Product name	Glazed Inswing & Outswing Double TDL Arch Top Hardwood Door
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1-3	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:

Systems 1-2: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing with No. 8 x 3" wood screws. Along the head, locate the screws approximately 4" from each corner and then 4-7/8" over from the first anchor and then every 18-3/4" thereafter. Along the sill, locate the screws approximately 3-1/8" from each corner and then every 15-1/16" thereafter. Along the side jambs, locate one (1) screw in between the hinges. Locate two (2) No. 8 x 3" wood screws on the top and bottom of the hinges and two (2) No. 8 x 1-1/2" wood screws in the center of the hinges. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

System 3: The wood wall framing members must be minimum Spruce-pine-Fir dimension lumber. The door assembly is secured to the wall framing with No. 8 x 3" wood screws. Along the head, locate the screws approximately 2" from each corner and then 17" over from the first anchor and then 18-1/8" thereafter. Along the sill, locate the screws 2" from each corner and then every 15-1/16" thereafter. Along the side jambs, locate one (1) screw in between the hinges. Locate two (2) No. 8 x 3" wood screws on the top and bottom of the hinges and two (2) No. 8 x 1-1/2" wood screws in the center of the hinges. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

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.