

## Product Evaluation

DR828 | 0623

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:** June 1, 2023

**Re-evaluation Date:** April 2025

**Product Name:** Mahogany TDL Glazed Hardwood Hinged Entry Doors, Inswing and Outswing, Singles with TDL Sidelites, and Doubles with TDL Half-Circle Transom, 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 Glazed Wood Single Door w/ TDL Sidelites; X	MST: 5'9" x 8'2"	+47.18 / -61.60 psf
2	TDL Glazed Wood Double Door w/ TDL Half-Circle Transom; XX	MST: 74" x 138"	+44.24 / -55.72 psf

**Product Dimensions:**

System	Overall Size	Panel Size	Fixed Panel Daylight Opening Size
1	68-1/2" x 98"	Door: 36" x 96" Sidelite: 14" x 96"	Door: 11" x 19-15/16" (6) Sidelite: 9-1/2" x 20-1/2" (3)
2	74-1/8" x 137-3/4"	Door: 36" x 96" Transom: 72-3/8" x 36"	Door: 11" x 20" (6) Transom: 67-3/4" x 31-3/8"

**Components and Hardware:**

- **Schlage F-300 Series Single-point Lockset:** One required.
- **Schlage deadbolt:** One required.
- **4" Butt Hinges:** Four required; secured to the door leaf with four No. 8 x 3" screws and to the jamb with two No. 8 x 3" screws and two No. 8 x 1" flat head screws.
- **Surface Bolts:** Two required; secured with four No. 10 x 1" flat head machine screws with 1-1/2" long blind nut.
- **Surface Bolt Strike plates:** Two required; secured to the head with two No. 8 x 3" screws and to the threshold with two No. 10 x 3" sheet metal screws.
- **Astragal strike plate (System 2):** Two required; secure with two No. 8 x 2-1/2" flat head screws.

**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 w/ TDL Sidelites
	Test standards	ASTM E330-02
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 E330-02

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

**Impact Resistance:**

System	Impact Resistant	Requirement
1-2	No	Provide an impact protective system when installing the product in areas that require windborne debris.

**Installation:**

System		
1-2	Type of installation	Frame Installation
	Wall framing	Southern Yellow Pine dimension lumber
	Fasteners	No. 8 x 3" screws
	Fastener location/spacing	2" from each corner and on 12" on center along the side jambs
	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.