

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION DR-383

Effective Date: July 1, 2013
Reevaluation Date: **April 2015**

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.

Mahogany TDL Glazed Inswing and Outswing Hinged Double Doors with Half Circle TDL Transom, Non-impact Resistant, manufactured by

Glass Craft Door Company
2002 Brittmoore Road
Houston, Texas 77043-2209
Telephone: (713) 690-8282

General Description:

System	Description	Design Pressure Rating
1	Mahogany TDL Glazed Inswing Hinged Double Doors with Half Circle TDL Transom	+44.2 / -55.7 psf Maximum Size Tested: 6'2" x 11'6"
2	Mahogany TDL Glazed Outswing Hinged Double Doors with Half Circle TDL Transom	+44.2 / -55.7 psf Maximum Size Tested: 6'2" x 11'6"

Product Dimensions – Complete Assembly:

System	Overall Size
1	74.13" x 137.75"
2	74.13" x 137.75"

Product Dimensions - Doors:

System	Active Door Panel Size	Passive Door Panel Size	Door Glass Size
1	36.0" x 96.0"	35.88" x 96.00"	11" x 20" (Each); 6 Total TDL
2	36.0" x 96.0"	35.88" x 96.00"	11" x 20" (Each); 6 Total TDL

Product Dimensions - Sidelites:

System	Transom Size	Transom Panel Size	Glass Size
1	74.13" x 37.63"	72.38" x 36.00"	67.75" x 31.38" Total 9 Total TDL
2	74.13" x 37.63"	72.38" x 36.00"	67.75" x 31.38" Total 9 Total TDL

Hardware:

- Hinges; Eight (8) required (Four (4) per door panel); Secured to the door panel with four (4) No. 8 x 3" screws. Secured to the door jamb with two (2) No. 8 x 3" screws and two (2) No. 8 x 1" screws.
- Schlage F-Series single point lockset; One (1) required; Located on the active door panel.
- Schlage B-Series deadbolt; One (1) required; Located on the active door panel.
- Strike plate – Lockset; One (1) required; Located in the door astragal; Secured with two (2) No. 8 x 2 1/2" screws.
- Strike plate – Deadbolt; One (1) required; Located in the door astragal; Secured with two (2) No. 8 x 2 1/2" screws.
- Surface Bolts; Two (2) required per door; Located at the top and bottom of the door panel; Each secured to the door panel with four (4) No. 10 x 1" screws.
- Strike plate – Surface Bolts; Two (2) required; Located at the head jamb and the threshold; Secured to the head jamb with two (2) No. 8 x 3" screws and secured to the threshold with two (2) No. 10 x 3" screws.

Threshold:

- Endura aluminum ZAIL 5866 inswing / outswing threshold

Product Identification (Certification Agency Label on Door):

System	Certification Agency Label on Door	
1-2	Certification Agency	NAMI
	Manufacturer	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:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

Transom: Transom shall only be used with doors. Transoms shall not be installed individually.

Installation: The door assembly shall be fastened to minimum Southern Yellow Pine dimension lumber wall framing. The door assembly shall be secured to the wall framing as follows:

Door Side Jamb: Secured through the hinges with two (2) No. 8 x 3" screws per hinge. The jamb shall be secured to the wall framing with minimum No. 8 x 3" screws located approximately 2 inches from each end and approximately 12 inches on center.

Transom: The transom frame shall be secured to the wall framing with minimum No. 8 x 3" screws located approximately 3 inches from each end and approximately 16 inches on center.

Sill: No fasteners are required.

NOTE: All fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wood framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.