

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION DR-384

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 Single Doors with TDL Sidelites, 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 Single Doors with TDL Sidelites on Each Side	+47.2 / -61.6 psf Maximum Size Tested: 5'9" x 8'2"
2	Mahogany TDL Glazed Outswing Hinged Single Doors with TDL Sidelites on Each Side	+47.2 / -61.6 psf Maximum Size Tested: 5'9" x 8'2"

Product Dimensions – Complete Assembly:

System	Overall Size
1	68.5" x 98.0"
2	68.5" x 98.0"

Product Dimensions - Doors:

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

Product Dimensions - Sidelites:

System	Sidelite Size	Sidelite Glass Size
1	14.0" x 96.0"	9.5" x 20.5" Total 3 Total TDL
2	14.0" x 96.0"	9.5" x 20.5" Total 3 Total TDL

Hardware:

- Hinges; Four (4) required; 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 side jamb; Secured with two (2) No. 8 x 2 1/2" screws.
- Strike plate – Deadbolt; One (1) required; Located in the door side jamb; Secured with two (2) No. 8 x 2 1/2" screws.
- Surface Bolts; Two (2) required; 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		
1-2	Certification Agency	NAMI
	Manufacturer	Glass Craft Door Company
	Product Name	Mahogany TDL Glazed Single Door Inswing or Outswing w/ TDL Sidelites
	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.

Doors: Doors may be installed without sidelites.

Sidelites: Sidelites shall only be used with doors. Sidelites 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 or Sidelite Side Jambs: The side jambs 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.

Door and Sidelite Head: The frame head shall be secured to the wall framing with minimum No. 8 x 3" screws located approximately 3 inches from each end and approximately 12 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.