

# TEXAS DEPARTMENT OF INSURANCE

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**PRODUCT EVALUATION**  
DR-239

Effective Date: July 1, 2014 (Revised August 1, 2014)  
Reevaluation Date: **July 2016**

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.

**Hardwood Inswing and Outswing Hinged Glazed Single and Double Doors with Sidelites and Half Circle Transom, Non-Impact Resistant, manufactured by**

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

## General Description:

System	Description	Design Pressure Rating
1	Hardwood Inswing and Outswing Hinged Glazed Single Doors with Sidelites and Half Circle Transom	Maximum Size Tested: 5'9" x 11'2" Design Pressure: +36.20 psf / -45.70 psf
2	Hardwood Inswing and Outswing Hinged Glazed Double Doors with Half Circle Transom	Maximum Size Tested: 6'2" x 11'5" Design Pressure: +36.20 psf / -45.70 psf

## Product Dimensions (Door):

System	Overall Door Size	Door Panel Size	Door Panel Daylight Opening Size
1	68.75" x 98.63"	36.00" x 96.00"	21.63" x 67.00"
2	74.25" x 98.75"	Active: 36.00" x 96.00" Passive: 35.50" x 96.00"	21.63" x 67.00"

## Product Dimensions (Sidelite):

System	Sidelite Overall Size	Sidelite Panel Size	Sidelite Glass Daylight Opening Size
1	15.75" x 98.63"	14.00" x 96.00"	10.00" x 67.00"
2	N/A	N/A	N/A

## Product Dimensions (Transom):

System	Transom Overall Size	Transom Panel Size	Transom Glass Daylight Opening Size
1	74.13" x 37.63"	72.38" x 36.00"	67.75" x 31.38"
2	74.13" x 37.63"	72.38" x 36.00"	67.75" x 31.38"

**Hardware:**

- Butt hinges; Four required per door panel; Secured to the door panel with four No. 8 x 3” screws. Secured to the door jamb with two No. 8 x 3” screws and two No. 8 x 1” screws.
- Schlage F-300 Series single point lockset; Located on the active door panel.
- Schlage F-300 Series Deadbolt; Located on the active door panel.
- Lockset strike plate; One required; Secured door side jamb two No. 8 x 3” screws.
- Deadbolt strike plate; One required; Secured door side jamb two No. 8 x 3” screws.
- Surface bolts (System 2); One located at the top and the bottom of the passive door panel.
- Surface bolt strike plates (System 2); One required at the head and one required at the sill ; Secured at the head with two No. 8 x 3” screws. Secured at the sill with two No. 10 x 3” screws.

**Thresholds:**

- Adjustable extruded aluminum and composite threshold

**Product Identification (Certification Agency Label on Door):**

System		
1	Certification Agency	NAMI
	Manufacturer’s Name or Code Name	Glass Craft Door Company
	Product Name	Hardwood Inswing & Outswing w/ or w/o Sidelites and Half Circle Transom
	Test Standards	ASTM E 330-02
2	Certification Agency	NAMI
	Manufacturer’s Name or Code Name	Glass Craft Door Company
	Product Name	Glazed Inswing & Outswing Double Hardwood Door w/Half Circle 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.

**Sidelites and Transoms:** Sidelites and transom shall only be installed with doors. Sidelites and transoms shall not be installed individually.

**Installation:**

**System 1:** The wood wall framing members shall be minimum Southern Yellow Pine dimension lumber. The frame assembly is secured to wall framing with minimum No. 8 x 3” screws. Along each side jamb, the fasteners are located approximately 6 inches from each corner and approximately 24 inches on center. Along either the door/sidelite frame head or transom head the fasteners are located approximately 6 inches from each corner and approximately 16 inches on center. All fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

**System 2:** The wood wall framing members shall be minimum Southern Yellow Pine dimension lumber. The frame assembly is secured to wall framing with minimum No. 8 x 3” screws. Along each side jamb, the fasteners are located approximately 6 inches from each corner and approximately 16

inches on center. Along either the door/sidelite frame head or transom head the fasteners are located approximately 6 inches from each corner and approximately 16 inches on center. All fasteners shall be long enough to penetrate a minimum of  $1\frac{1}{2}$  inches into the wall 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.