

## Product Evaluation

DR336 | 0922

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-336

**Effective Date:** September 1, 2022

**Re-evaluation Date:** September 2024

**Product Name:** TDL Arch Top Hardwood Glazed Hinged Double Doors, Inswing and Outswing, Non-Impact Resistant

**Manufacturer:** Glass Craft Company  
2002 Brittmore Road  
Houston, TX 77043-2209  
(713) 690-8282

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Six Lite TDL Arch Top Hardwood Hinged Double Doors, Inswing and Outswing; XX	MST: 6'2" x 8'3"	+45 / -40 psf

### Product Dimensions:

System	Overall Size	Operable Panel Size	Maximum Panel Daylight Opening Size
1	74" x 99"	36" x 96"	9-1/4" x 17-9/16"

**Components and Hardware:**

- **Penrond Hinges:** Four (4) required per door panel; secure to the door panel with four (4) No. 8 x 1" screws and to the door jamb with two (2) No. 8 x 3" screws and two (2) No. 8 x 1" screws.
- **Schlage Parx Geo Series/Model FO60V Lockset:** Locate on the active door panel.
- **Schlage Series/Model FB50W V Geo 619 Deadbolt:** Locate on the active door panel.
- **Lockset strike plate:** One (1) required; locate opposite the lockset; attached to the door frame or stationary door panel with two (2) No. 8 x 3" screws.
- **Deadbolt strike plate:** One (1) required; locate opposite the lockset; attached to the door frame or stationary door panel with two (2) No. 8 x 3" screws.
- **Surface bolt:** Two (2) required per door panel; locate one at the top and bottom of the active and passive door panels; attach each to the door panel with four (4) 10/32 x 1" bolts.
- **Strike plate – Surface bolts:** two (2) required per panel; locate at the frame head and frame sill adjacent to the surface bolts; secure with two (2) No. 8 x 2-1/2" screws.

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

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Glass Craft Door Company
	Product name	TDL Arch Top Hardwood Double Door Inswing & Outswing
	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	No	These products have not been tested for windborne debris resistance. An impact protection system is required when installing this product 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.

**Installation:**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members. The door assembly is secured to the wall framing as follows:

**Side Jambs:** Two (2) screws per hinge location, minimum No. 8 x 3" screws.

**Frame Head:** Minimum No. 10 x 3" screws, measure from the left side jamb to the right jamb, 8", 19", 35", 42", 54", and 66".

**Frame Sill:** Minimum No. 8 screws, measure from the left side jamb to the right jamb, 6", 14", 23", 32", 41", 50", 59", and 68"

**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.