

## Product Evaluation

DR1118 | 0322

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-1118

**Effective Date:** March 1, 2022

**Re-evaluation Date:** March 2024

**Product Name:** Series "Winload TDL Continental" Wood Side Hinged Doors, Glazed, Inswing, Singles and Doubles, Frame Installation, 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	Series "Winload TDL Continental" Wood Side Hinged Doors; Glazed; Inswing; Single (X)	MST: (37.75 x 99)	+60 / -60 psf
2	Series "Winload TDL Continental" Wood Side Hinged Doors; Glazed; Inswing; Arch Top; Double (XX)	MST: (74.5 x 99)	+50 / -50 psf
3	Series "Winload TDL Continental" Wood Side Hinged Doors; Glazed; Inswing; Double; (XX)	MST: (74.5 x 99)	+50 / -50 psf

**Product Dimensions:**

System	Overall Size	Panel Size	Panel Daylight Opening Size
1	37-3/4" x 99"	36" x 96"	23-1/2" x 16-3/4"
2	74-1/2" x 98-3/4"	36" x 96"	23-1/2" x 16-3/4" Arched Lite: 23-1/2" x 16-3/4" – 11-1/4"
3	74-1/2" x 99"	36" x 96"	Four: 23-1/2" x 16-3/4"

**Components and Hardware:**

**4" Steel long 4-knuckle butt hinges (3):** The hinges connect the door leaf to the frame. Locate the hinges approximately 8", 46-7/8", and 85-3/4" from the leaf bottom rail. Hinges are attached to the door leaf and into the wood wall framing members using two (2) minimum No. 8 x 1" screws and two (2) minimum No. 9 x 3" screws.

**Kwikset Modal #BGX2L 1B 2-point Locking system (1):** Handle and lock set throw bolt located on active door panel approximately 36" on center from door panel bottom rail. Key actuated deadbolt located approximately 42" on center from panel bottom rail.

**Handle Set and Deadbolt Keepers (1 per handle set and deadbolt):** Attached to the frame jamb with two (2) minimum No. 10 x 2-1/4" screws per keeper.

**Rockwood Mfg. Steel Surface Bolts (1 per active panel, 1 per inactive panel):** Attached to the top and bottom of the active and inactive leaf lock stiles using four (4) minimum No. 8 nutserts per bolt with keepers attached with minimum No. 8 x 1-1/2" screws located with the wood wall framing members at the door frame head and sill.

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

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Glass Craft Door Company
	Product name	Windload TDL Continental Glazed Inswing Wood Door
	Test standards	ASTM E330-14
2	Certification agency	NAMI
	Manufacturer's name or code name	Glass Craft Door Company
	Product name	Windload TDL Continental Glazed Inswing Double Arch Top/Arch Frame Wood Door
	Test standards	ASTM E330-14
3	Certification agency	NAMI
	Manufacturer's name or code name	Glass Craft Door Company
	Product name	Windload TDL Continental Glazed Inswing Double Wood Door
	Test standards	ASTM E330-14

**Impact Resistance:**

System	Impact Resistant	Requirement
1-3	No	Provide an impact protective system when installing the product in areas that require windborne debris.

**Installation:**

The wood wall framing members must be minimum Southern Yellow Pine dimension lumber. In addition to the fasteners used through the hinges and keepers, minimum No. 8 x 1-1/2" screws must be used spaced approximately 2" above and below the hinges, mid-span between the hinges, and lock sets and spaced approximately 8" from each end and 18" on center at the lock stile. Minimum No. 8 x 2-1/4" screws must be used through the frame head spaced approximately 6" from each end. Fasteners must be long enough to penetrate a 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.