

Product Evaluation

DR1242 | 0522

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-1242

Effective Date: May 1, 2022

Re-evaluation Date: May 2026

Product Name: Glazed Fiberglass Side Hinged Doors, Inswing and Outswing, Singles and Doubles, with or without Sidelites, Impact Resistant

Manufacturer: GlassCraft Door Company
2002 Brittmoore Rd.
Houston, TX 77043
(713) 690-8282

General Description:

System	Description	Label Rating	Drawing Number
1	3'-0" x 8'-0" Single Door; X	Inswing: +45 / -50 psf Outswing: +50 / -50 psf	TX-5269
2	3'-0" x 8'-0" Single Door w/ Sidelite, CHS w/ Integral Mullion; OX, XO	Inswing: +45 / -50 psf Outswing: +45 / -45 psf	TX-5269
3	3'-0" x 8'-0" Single Door w/ Sidelites, CHS w/ Integral Mullion; OXO	Inswing: +45 / -50 psf Outswing: +45 / -45 psf	TX-5269
4	6'-0" x 8'-0" Double Door; XX	Inswing: +45 / -50 psf Outswing: +50 / -50 psf	TX-5270
5	6'-0" x 8'-0" Double Door w/ Sidelites; OXXO	Inswing: +45 / -50 psf Outswing: +50 / -50 psf	TX-5270

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	37-1/2" x 98"	35-3/4" x 95-1/4"	Door: 20-7/8" x 62-7/8" Sidelite: N/A
2	53" x 98"	35-3/4" x 95-1/4"	Door: 20-7/8" x 62-7/8" Sidelite: 6-7/8" x 62-7/8"
3	68-1/2" x 98"	35-3/4" x 95-1/4"	Door: 20-7/8" x 62-7/8" Sidelite: 6-7/8" x 62-7/8"
4	74" x 98"	35-3/4" x 95-1/4"	Door: 20-7/8" x 62-7/8" Sidelite: N/A
5	105" x 98"	35-3/4" x 95-1/4"	Door: 20-7/8" x 62-7/8" Sidelite: 6-7/8" x 62-7/8"

Components and Hardware:

System	Component	Quantity	Attachment Method
1-5	Hinges	4	Install in accordance with drawing No. TX-5269 and TX-5270, dated April 1, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on April 5, 2022.
	Knob: Kwikset Signature Series Deadbolt: Kwikset Signature Series (980) OR Knob: Schlage F Series Deadbolt: Schlage B60 Series	1 each	
	Latch and Deadbolt strike plate	1 each	
	Astragal strike plate (Double Doors ONLY)	1	

Product Identification (Manufacturer Label on Door):

System		
1-3	Manufacturer's name	GlassCraft Door Company
	Product name	Glazed GlassCraft Fiberglass Side-Hinged Doors, Inswing & Outswing, Imp Resistant Door Panels, Single & Single w/ Sidelite(s)
	Test standards	ASTM E330-14 ASTM E1886-13a/E1996-14a; Missile Level D
4-5	Manufacturer's name	GlassCraft Door Company
	Product name	Glazed GlassCraft Fiberglass Side-Hinged Doors, Inswing & Outswing, Imp Resistant Door Panels, Double & Double w/ Sidelite(s)
	Test standards	ASTM E330-14 ASTM E1886-13a/E1996-14a; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-5	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

System		
1-5	Type of installation	Install in accordance with drawing No. TX-5269 and TX-5270, dated April 1, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on April 5, 2022.
	Wall framing	
	Fasteners	
	Fastener location/spacing	
	Fastener penetration	

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.