

Product Evaluation

DR962 | 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-962

Effective Date: March 1, 2022

Re-evaluation Date: March 2026

Product Name: 6'8" Glazed Fiberglass Side Hinged Doors, Inswing and Outswing, Singles and Doubles, with or without Sidelites, Non-Impact Resistant

Manufacturer: Trinity Glass International
33651 1st Way S
Federal Way, WA 98003
(253) 875-7300

General Description:

| System | Description | Label Rating | Drawing Number |
|--------|---|---|----------------|
| 1 | 3'-0" x 6'-8" Single Door; X | Inswing: +55 / -60 psf Outswing: +55 / -55 psf | TX-4778 |
| 2 | 3'-0" x 6'-8" Single Door w/ Boxed Sidelites & Combination Mullion; OXO | Inswing: +55 / -60 psf Outswing: +55 / -55 psf | TX-4778 |
| 3 | 3'-0" x 6'-8" Single Door w/ Sidelites (CHS); OXO | Inswing: +55 / -60 psf Outswing: +55 / -55 psf | TX-4779 |
| 4 | 6'-0" x 6'-8" Double Door; XX | Inswing: +55 / -60 psf Outswing: +55 / -55 psf | TX-4780 |

General Description:

| System | Description | Label Rating | Drawing Number |
|--------|--|---|----------------|
| 5 | 6'-0" x 6'-8" Double Door w/ Boxed Sidelites & Combination Mullions; OXXO | Inswing: +55 / -60 psf Outswing: +55 / -55 psf | TX-4780 |

Product Dimensions:

| System | Maximum Overall Size | Operable Panel Size | Maximum Panel Daylight Opening Size |
|--------|----------------------|---------------------|---|
| 1 | 37-1/2" x 81-5/8" | 35-3/4" x 79" | Door: 22.92" x 22.92" Sidelite: N/A |
| 2 | 70-1/2" x 81-5/8" | 35-3/4" x 79" | Door: 22.92" x 22.92" Sidelite: 8" x 63" |
| 3 | 67-1/2" x 81-7/8" | 35-3/4" x 79" | Door: 22.92" x 22.92" Sidelite: 8" x 63" |
| 4 | 74" x 81-5/8" | 35-3/4" x 79" | Door: 22.92" x 22.92" Sidelite: N/A |
| 5 | 107" x 81-5/8" | 35-3/4" x 79" | Door: 22.92" x 22.92" Sidelite: 8" x 63" |

Components and Hardware:

| System | Component | Quantity | Attachment Method |
|--------|---|----------|--|
| 1-5 | Hinges | 3 | Install hardware in accordance with drawing No. TX-4778 through TX-4780, dated December 20, 2017. Revision 1 dated January 19, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on January 19, 2022. |
| | Kwikset Signature Series Knob with Kwikset Signature Series (980) Deadbolt OR Schlage F Series Knob with Schlage B60 Series Deadbolt | 1 each | |
| | Latch and Deadbolt strike plate | 1 each | |
| | Astragal strike plate (Systems 4-5 ONLY) | 1 | |

Product Identification (Manufacturer Label on Door):

| System | | |
|--------|---------------------|---|
| 1-3 | Manufacturer's name | Trinity Glass International |
| | Product name | Trinity Glazed Fiberglass Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Singles w/ or w/out Sidelites |
| | Test standards | ASTM E 330-14 |

Product Identification (Manufacturer Label on Door):

| System | | |
|--------|---------------------|---|
| 4-5 | Manufacturer's name | Trinity Glass International |
| | Product name | Trinity Glazed Fiberglass Side Hinged Doors, Inswing/Outswing, Non-Imp Resistant Door Panels, Doubles w/ or w/out Sidelites |
| | Test standards | ASTM E 330-14 |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|---|
| 1-5 | No | Provide an impact protective system when installing the product in areas that require windborne debris. |

Installation:

| System | | |
|--------|---------------------------|---|
| 1-5 | Type of installation | Install in accordance with drawing No. TX-4778 through TX-4780, dated December 20, 2017. Revision 1 dated January 19, 2022. Signed and sealed by Lyndon F. Schmidt, P.E. on January 19, 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.