

Product Evaluation

DR971 | 0219

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-971

Effective Date: February 1, 2019

Re-evaluation Date: February 2023

Product Name: 6'-8" and 8'-0" Tru-Grain Composit Fiberglass Opaque Paragon Side Hinged Doors, Inswing and Outswing, Singles, Impact Resistant

Manufacturer: Sunrise Windows, LTD
200 Enterprise Drive
Temperance, MI 48182
(734) 847-8778

General Description:

| System | Description | Label Rating | Drawing Number |
|--------|--|---|----------------|
| 1 | 3'-0" x 6'-8" Opaque Fiberglass Single Door, Inswing/Outswing; (X) | Inswing: +100 / -100 psf Outswing: +100 / -100 psf | TX-4801 |
| 2 | 3'-0" x 8'-0" Opaque Fiberglass Single Door, Inswing/Outswing; (X) | Inswing: +65 / -65 psf Outswing: +70 / -70 psf | TX-4802 |

Product Dimensions:

| System | Overall Size | Door Panel Size | Maximum Glass Daylight Opening Size |
|--------|---|-----------------|-------------------------------------|
| 1 | Inswing: 37-1/2" x 81-3/4" Outswing: 37-1/2" x 80-1/4" | 35-3/4" x 79" | N/A |
| 2 | Inswing: 37-1/2" x 98" Outswing: 37-1/2" x 96-3/8" | 35-3/4" x 95" | N/A |

Hardware:

| System | Component | Quantity | Attachment Method |
|--------|---|------------------------|--|
| 1, 2 | 4" Steel Barrel Hinges | 3 (6'-8") 4 (8'-0") | Hardware to be installed in accordance with Sunrise drawings TX-4801 & TX-4802, dated March 28, 2018, signed & sealed by Lyndon F. Schmidt, P.E. on April 9, 2018. |
| | Kwikset Signature Series Lockset & Deadbolt (980) or Knob: Schlage "F" Series Deadbolt: Schlage B60/62 Series) | 1 each | |

Sill: As specified on the approved drawings.

Product Identification (Self-Labeled by Manufacturer):

| System | | |
|--------|----------------------------------|---|
| 1 | Certification Agency | Self-Labeled by Manufacturer |
| | Manufacturer's Name or Code Name | Sunrise Windows, LTD |
| | Product Name | Tru-Grain Composit Opaque Fiberglass Doors, Inswing/Outswing, Impact Resistant Door Panels, Singles |
| | Drawing | TX-4801 |
| | Test Standards | ASTM E 330-02 ASTM E 1886-05, ASTM E 1996-06 Missile Level D |
| 2 | Certification Agency | Self-Labeled by Manufacturer |
| | Manufacturer's Name or Code Name | Sunrise Windows, LTD |
| | Product Name | Tru-Grain Composit Opaque Fiberglass Doors, Inswing/Outswing, Impact Resistant Door Panels, Singles |
| | Drawing | TX-4802 |
| | Test Standards | ASTM E 330-02 ASTM E 1886-05, ASTM E 1996-06 Missile Level D |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|--|
| 1, 2 | Yes | These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies. |

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:

| System | | |
|--------|---------------------------|---|
| 1, 2 | Type of Installation | Install in accordance with Sunrise drawings TX-4801 & TX-4802, dated March 28, 2018, signed & sealed by Lyndon F. Schmidt, P.E. on April 9, 2018. |
| | Wall Framing | |
| | Fasteners | |
| | Fastener Embedment | |
| | Fastener Location/Spacing | |

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.