

Product Evaluation

DR1099 | 0720

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-1099

Effective Date: July 1, 2020

Re-evaluation Date: July 2022

Product name: Therma-Tru Glazed Inswing Fiberglass Side Hinged Doors, Singles and Doubles, Non-Impact Resistant

Manufacturer: Hoelscher Weatherstrip Manufacturing Company, Inc.
2400 S. Persimmon St.
Tomball, TX 77375
(713) 869-6466

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Therma-Tru Glazed Full-Lite Side Hinged Doors	MST: 37.5 x 81.5	+40 / -40 psf
2	Therma-Tru Glazed Full-Lite Side Hinged Doors	MST: 37.5 x 81.5	+60 / -60 psf
3	Therma-Tru Glazed Full-Lite Side Hinged Doors w/ Internal Mini-Blind	MST: 37.5 x 81.5	+60 / -60 psf
4	Therma-Tru Four Lite Horizontal Glazed Side Hinged Doors	MST: 37.69 x 97.5	+70 / -70 psf
5	Therma-Tru Glazed Full-Lite Side Hinged Doors; Double	MST: 75 x 97.5	+50 / -50 psf

General Description (continued):

System	Description	Label Rating	Design Pressure Rating
6	Therma-Tru Glazed Full-Lite Side Hinged Doors; Double w/ Internal Mini-Blind	MST: 72 x 96	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Maximum Fixed Panel Daylight Opening Size
1-2	37-1/2" x 81-1/2"	36" x 80"	24" x 63-1/4"
3	37-1/2" x 81-1/2"	36" x 80"	20-1/2" x 60-3/4"
4	37-11/16" x 97-1/2"	36" x 95"	25" x 11-1/2"
5	75" x 97-1/2"	37-1/2" x 95-1/4"	21-1/2" x 78-3/4"
6	72" x 96"	36" x 95-1/4"	20-5/8" x 78-3/4"

Hardware:**Systems 1-3, 5-6**

- **Kwikset Model 690 Knob and Deadbolt:** One (1) required
- **Door Handle Strike:** One (1) required; secure to the frame jamb with two (2) No. 10 x 1-1/2" bugle head screws.
- **SGS Butt Hinges (part #1058T & #5810T):** Three (3) pairs required; A pin was inserted into each hinge. Secure to the door frame with four (4) No. 10 x 1-1/2" bugle head screws and to the door leaf with four (4) No. 10 x 1-1/2" bugle head screws.
- **Deadbolt Strike Plate:** One (1) required; Secure to the frame jamb with two (2) No. 10 x 1-1/2" bugle head screws.
- **Latch Strike Plate:** One (1) required; Secure to the frame jamb with two (2) No. 10 x 1-1/2" bugle head screws.

System 4:

- **Kwikset Signature Series, Chelsea handle and Juno knob: One (1) required.**
- **Door Handle Strike:** One (1) required; secure to the frame jamb with two (2) No. 10 x 1-1/2" bugle head screws.
- **SGS Butt Hinge (part #158-4.0):** Three (3) pairs required; A pin was inserted into each hinge. Secure to the door frame with four (4) No. 10 x 1-1/2" bugle head screws and to the door leaf with four (4) No. 10 x 1-1/2" bugle head screws.
- **BHP Deadbolt (part #10626DC):** One (1) required
- **BHP Deadbolt (52115Sn):** One (1) required
- **Deadbolt Strike Plate:** One (1) required; Secure to the frame jamb with two (2) No. 10 x 1-1/2" bugle head screws.
- **Latch Strike Plate:** One (1) required; Secure to the frame jamb with two (2) No. 10 x 1-1/2" bugle head screws.

Product Identification (Certification Label on Door):

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Hoelscher Weatherstrip Mfg. Company
	Product name	Therma-Tru Full Lite Glazed Inswing Fiberglass Entrance Door
	Test standards	ASTM E330/E330M-14
2	Certification agency	NAMI
	Manufacturer's name or code name	Hoelscher Weatherstrip Mfg. Company
	Product name	3068 Therma-Tru Full Lite Glazed Inswing Fiberglass Entrance Door
	Test standards	ASTM E330-14
3	Certification agency	NAMI
	Manufacturer's name or code name	Hoelscher Weatherstrip Mfg. Company
	Product name	3068 Full Lite Glazed Inswing Fiberglass Entrance Door w/Internal Mini-Blind
	Test standards	ASTM E330-14
4	Certification agency	NAMI
	Manufacturer's name or code name	Hoelscher Weatherstrip Mfg. Company
	Product name	Therma-Tru Four Lite Horizontal Glazed Inswing Single Fiberglass Door
	Test standards	ASTM E330/E330M-14
5	Certification agency	NAMI
	Manufacturer's name or code name	Hoelscher Weatherstrip Mfg. Company
	Product name	Therma-Tru Full Lite Glazed Inswing Fiberglass Entrance Double Door
	Test standards	ASTM E330/E330M-14
6	Certification agency	NAMI
	Manufacturer's name or code name	Hoelscher Weatherstrip Mfg. Company
	Product name	Therma-Tru Full Lite Glazed Inswing Fiberglass Entrance Double Door w/ Internal Mini-Blind
	Test standards	ASTM E330/E330M-14

Impact Resistance:

System	Impact Resistant	Requirement
1-6	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:**System 1, 3-6**

The wood wall framing members must be minimum Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing using minimum No. 8 x 3" bugle head screws. At the jambs, locate the first and third screw through the hinge into the frame and into the wall framing. Along the threshold, locate the screws approximately 5" from each end and spaced 12" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

System 2:

The wood wall framing members must be minimum Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing using minimum No. 8 x 3" bugle head screws. Along the jambs, locate the screws approximately 3" from each end and spaced 12" on center. Along the head, locate the screws approximately 1" from each end and spaced 16" on center. Along the threshold, locate the screws approximately 5" from each end and spaced 12" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

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.