

Product Evaluation

DR1271 | 0324

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-1271

Effective Date: March 1, 2024

Re-evaluation Date: September 2026

Product Name: HWS 3680 Glazed Fiberglass Inswing 6-Lite Side Hinged Entry Doors, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Glazed 6 Lite Fiberglass Inswing Side-Hinged Door; X	Maximum Size Tested: 43.50" x 97.75"	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	43-1/2" x 97-3/4"	41-3/4" x 95"	15-1/2" x 21" (6)

Components and Hardware:

- **SGS Hinges:** three pairs required; three on the door leaf with three mounted to the frame; a pin is inserted into each hinge pair; secure with two No. 10 x 3" bugle head screws through the hinge into the door frame and wall framing, and two No. 10 x 1-1/2" screws into the frame jamb and four No 10 x 1" screw through the hinge into the door leaf.
- **Chelsea handleset with Juno knob:** one required
- **Door handle strike:** one required; secure with two No. 10 x 2-1/2" bugle head screws
- **Hinge pins:** three required; one per hinge
- **BHP Deadbolt (part# 10626DC):** one required
- **BHP Deadbolt (52115Sn):** one required
- **Latch and deadbolt strike plates:** one each required; secure to the frame jamb with two No. 10 x 2-1/2" 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	3680 6Lite Glazed Inswing Fiberglass Door
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1	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 Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing with No. 8 x 3" bugle head screws. Along the head, locate the screws approximately 5" from each corner and one at the midspan. Along the side jambs, locate the screws approximately 3" from each corner and 12" on center. Locate the screws along the sill approximately 4" from each corner and 10" on center. Use two (2) screws through the hinge and hinge jamb into the wall framing. Use two (2) No. 10 x 1-1/2" through the hinge jamb into the door frame. 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.