



Product Evaluation

DR578 | 0418

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-578

Effective Date: April 1, 2018

Re-evaluation Date: June 2020

Product Name: Fiberglass Inswing Glazed Side Hinged Doors, Non-Impact Resistant

Manufacturer: Hoelscher Weatherstrip Manufacturing Co., Inc.
1011 Houston Oaks Drive
Houston, TX 77064
(713) 869-6466

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Fiberglass Inswing Glazed Side Hinged Doors; XX	MST: 6'3" x 8'2"	+50 /-50 psf

Product Dimensions:

System	Overall Size	Panel Size	Panel Glass Daylight Opening Size
1	74-5/8" x 97-3/4"	36" x 95-1/4"	23-3/4" x 78-3/4"

Hardware:

- Hinges: four required per door panel; secured to the door panel with two, No. 10 x 1" bugle head screws and two No. 10 x 2-1/2" bugle head screws; secured to the door jamb with two, No. 10 x 3/4" bugle head screws and two No. 10 x 2-1/2" bugle head screws. The 2-1/2" screws are placed in the first and third hole from the top of each hinge.
- Kwikset 740C lockset; Located on the door panel; secured with No 8 x 1-1/2" screws.
- Lock and dead bolt strike plate; one for each; Secured to the astragal with three No. 10 x 3/4" bugle head screws in each plate.
- Flush bolts; two required; Located in the top and bottom of the aluminum astragal on the passive panel. The pins are inserted into the frame head and threshold.
- Flush bolt strike plate; one required; Located at the head; Secured with six No. 6 x 1" Philips flat head screws.

Sill:

- System 1: Plastic and aluminum; adjustable with a sloped sill

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer’s Name or Code Name	Hoelscher Weatherstrip Mfg Company
	Product Name	6080 Full-Lite Double Glazed Fiberglass Entrance Doors
	Test Standards	ASTM E 330-02

Impact Resistance:

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

Installation:

System				
1	Type of Installation	Door Frame		
	Wall Framing	Spruce-Pine-Fir		
	Fasteners	Minimum No. 10 x 2-1/2" Bugle Head Screws and No. 12 x 1-1/4" Bugle Head Screws		
	Fastener Embedment	Minimum of 1-1/2" into the wall framing		
	Fastener Location/Spacing	Head	Minimum No. 10 x 2-1/2" Bugle Head screws located 3" from each frame corners with the rest spaced 16" o.c. thereafter.	
		Threshold through aluminum	Minimum No. 12 x 1-1/4" Bugle Head screws located 3" from each frame corners with the rest spaced 16" o.c. thereafter.	
		Side Jambs	Minimum No. 10 x 2-1/2" Bugle Head screws located 2" from each end and the rest spaced 12" o.c. thereafter.	
		Hinges	Two fasteners at each hinge location (see hardware section) must penetrate into the wall framing.	

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