

Product Evaluation

DR1272 | 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-1272

Effective Date: March 1, 2024

Re-evaluation Date: September 2026

Product Name: HWS 6080 Glazed Fiberglass Inswing 4-Lite Double 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 | HWS 6080 Glazed 4 Lite Fiberglass Inswing Double Side-Hinged Doors; XX | Maximum Size Tested: 74.50" x 97.75" | +60 / -55 psf |

Product Dimensions:

| System | Overall Size | Operable Panel Size | Fixed Panel Daylight Opening Size |
|--------|-------------------|---------------------|-----------------------------------|
| 1 | 74-1/2" x 97-3/4" | 35-3/4" x 95-1/4" | 11-5/8" x 31" (4) |

Components and Hardware:

Kwik-Set 800CE: One (1) required. Located 35" from the bottom of the door leaf.

SGS Hinges: three (3) pairs required; three (3) on the door leaf with three (3) mounted to the frame; a pin is inserted into each hinge pair; secure with two (2) No. 10 x 3" bugle head screws through the hinge into the door frame and wall framing, and two (2) No. 10 x 1-1/2" screws into the frame jamb and four (4) No. 10 x 1" screw through the hinge into the door leaf.

Flush Bolt: Cal-Royal ULFB634-US3; Two (2) required per stile; Located at each end of door leaf stile.

Door handle strike: One (1) required; secure with two (2) No. 10 x 2-1/2" bugle head screws.

Hinge pins: three (3) required; one (1) per hinge.

Dead Bolt Strike Plate: one (1) required; secured into the frame jamb with two (2) No. 10 x 2-1/2" bugle head screws.

Dead Latch Strike Plate: one (1) each required; secured to the frame jamb with two (2) 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 | HWS 6080 4 Lite Glazed Fiberglass Inswing Double Door |
| | Test standards | ASTM E 330-14 |

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 16" on center. Along the side jambs, locate the screws approximately 3" from each corner and 12" on center. Locate the screws along the sill approximately 5" from each corner and 13" on center. Use two (2) No. 8 x 3" bugle head screws

through the hinge and hinge jamb into the wall framing. Use two (2) No. 10 x 1-1/2" bugle head screws 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.