

Product Evaluation

DR1097 | 0923

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-1097

Effective Date: September 1, 2023

Re-evaluation Date: October 2024

Product Name: Mahogany Vertical Lite Glazed Wood Inswing 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	Mahogany Vertical Lite Glazed Wood Inswing Side-Hinged Doors	MST: 43.75 x 97.75	+50 / -50 psf
2	Mahogany 2-Panel Glazed Inswing Wood Side Hinged Entrance Doors	MST: 75 x 98	+50 / -50 psf
3	Mahogany Single Lite Glazed Wood Inswing Side-Hinged Doors	MST: 37.69 x 97.50	+60 / -60 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	43-3/4" x 97-3/4"	41-1/4" x 95-1/4"	9" x 76-1/4"
2	75" x 98"	36" x 95"	9" x 76"
3	37-11/16" x 97-1/2"	36" x 95"	9" x 76"

Hardware:**System 1:**

- **Kwikset Model 800CE Lock Set with handle:** 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 #158-4.0):** Four (4) pairs required; A pin was inserted into each hinge. Secure to the door frame with two (2) No. 10 x 3" bugle head screws and to the door leaf with two (2) No. 10 x 1" 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.

System 2:

- **Kwikset Signature Series; Chelsea handle and Juno knob:** Two (2) required
- **Door handle strike:** One (1) required; secure to the frame jamb with two (2) No. 10 x 1-1/2" bugle head screws.
- **Flush Bolts:** Two (2) required; Secured to the stationary door leaf with four No. 8 x 3/4" bugle head screws
- **Flush Bolt strike plates:** Two (2) required; Secure with two No. 10 x 2-1/2" bugle head screws.
- **SGS Butt Hinges (part #158-4.0):** Eight (8) required; A pin was inserted into each hinge. Secure to the door frame with four (4) No. 10 x 3" bugle head screws and to the door leaf with four (4) No. 10 x 1" 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

System 3:

- **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 Hinges:** 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:** 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	Mahogany Vertical Lite Glazed Inswing Wood Door
	Test standards	ASTM E330-14
2	Certification agency	NAMI
	Manufacturer's name or code name	Hoelscher Weatherstrip Mfg. Company
	Product name	Mahogany 2-Panel Glazed Inswing Wood Entrance Double Door w/ Vertical Lite
	Test standards	ASTM E330/E330M-14
3	Certification agency	NAMI
	Manufacturer's name or code name	Hoelscher Weatherstrip Mfg. Company
	Product name	3080 Mahogany Single Lite Glazed Inswing Wood Entrance Door
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1, 2, 3	No	These products have not been tested for windborne debris resistance. An impact protection system is required when installing this product in areas where windborne debris protection is required.

Installation:**System 1:**

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 bugle head screws. Secure the hinges to the door frame and to the wall framing using No. 8 x 3" bugle head screws. Along the jambs, locate No. 8 x 2-1/2" screws approximately 3" from each end and spaced 12" on center. Along the head, locate No. 8 x 2-1/2" screws approximately 5" from each end and one (1) at the center. Along the threshold, locate No. 8 x 3" screws approximately 4" from each end and spaced 10" 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 bugle head screws. Secure the hinges to the door frame and to the wall framing using No. 8 x 3" bugle head screws. Along the jambs, locate No. 8 x 2-1/2" screws approximately 3" from each end and spaced 12" on center. Along the head, locate No. 8 x 2-1/2" screws approximately 1" from each end and spaced 16" on center. Along the threshold, locate No. 8 x 3" screws approximately 5" from each end and spaced 13" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

System 3:

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.

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.