

Product Evaluation

DR1127 | 0121

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-1127

Effective Date: January 1, 2021

Re-evaluation Date: March 2024

Product Name: Mahogany 4 Lite Glazed Wood Outswing Side Hinged Entry Doors, Frame Installation, Non-Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	3'-0" x 8'-0" Single Door; X	MST: 38.5 x 97.38	+50 / -50 psf
2	6'-0" x 8'-0" Double Door; XX	MST: 75 x 97.75	+60 / -60 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1	38-1/2" x 97-3/8"	36" x 95-11/16"	11-11/16" x 30-15/16"
2	75" x 97-3/4"	36-3/4" x 95-3/4"	11-5/8" x 31-1/8"

Components and Hardware:

- Kwikset Model 800CE Lockset with handle: one required
- Door handle strike: one required secure to the frame jamb with two No. 10 x 2-1/2" bugle head screws
- Hinges: three pairs required. Insert a hinge pin into each hinge. Secure with two No. 10 x 3" bugle head screws through the hinge into the frame and wall framing and two No. 10 x 1" bugle head screws into the frame jamb and No. 10 x 1" bugle head screws into the door leaf.
- BHP Deadbolt (part #10626DC): one required; located on the operable door leaf lock stile
- BHP Deadbolt (52115Sn): one required; located on the operable door leaf lock stile
- Latch and deadbolt strike plate: one each required: secure to the frame jamb with two No. 10 x 2-1/2" bugle head screws.

System 2: In addition to the above, include the following:

- Flush Bolts: Two required; located on the stationary door leaf astragal lateral face; secure with four No. 8 x 3/4" bugle head screws. Each flush bolt had reinforcement guide plates for the pins. Each plate is secured with two No. 10 x 2-1/2" bugle head screws.
- Flush bolt strike plates: two required; one at the head, and one at the sill; secure with two No. 10 x 2-1/2" bugle head screws.
- Flush Bolts: two required; located on the operable panel; secure to the interior face at each end of the operable panel with two No. 10 x 1-1/4" bugle head screws at top bracket and two No. 10 x 2" pan head screws.
- Flush bolt strike plates: two required; one at the head and one at the sill; secure with No. 8 x 1-3/16" wood screws at the frame sill.

Product Identification (Certification Label on Door):

System		
1-2	Certification agency	NAMI
	Manufacturer's name or code name	Hoelscher Weatherstrip Mfg. Company
	Product name	Mahogany 4 Lite Glazed Outswing Wood Door
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1-2	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:

System 1: 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 2-1/2" bugle head screws. Along the side jambs, locate the screws approximately 3" from each corner and 12" on center. Along the head, locate the screws approximately 5" from each corner and one at the midpoint. Use No.

8 x 3" bugle head screws along the sill located 4" from each corner 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 Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing with No. 8 x 2-1/2" bugle head screws. Along the side jambs, locate the screws approximately 3" from each corner and 12" on center. Along the head, locate the screws approximately 5" from each corner and one at the midpoint. Use No. 8 x 3" bugle head screws at the sill located 5" from each corner and spaced 13" 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.