

Product Evaluation

DR1128 | 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-1128

Effective Date: January 1, 2021

Re-evaluation Date: March 2024

Product Name: 8'-0" Mahogany 3/4 Lite Glazed Wood Outswing Side Hinged 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: 38.25 x 97.50 | +50 / -50 psf |
| 2 | 6'-0" x 8'-0" Double Door; XX | MST: 75 x 97.75 | +50 / -50 psf |

Product Dimensions:

| System | Overall Size | Maximum Operable Panel Size | Fixed Panel Daylight Opening Size |
|--------|-------------------|-----------------------------|-----------------------------------|
| 1 | 38-1/4" x 97-1/2" | 36" x 96-1/8" | 21-3/4" x 66" |
| 2 | 75" x 97-3/4" | 37" x 95-3/4" | 20-5/8" x 66" |

Components and Hardware:

- Butt Hinges: three pairs required. A pin was inserted into each hinge. Secure to the frame with two No. 10 x 3" bugle head screws, two No. 10 x 1" bugle head screws into the frame jamb and one No. 10 x 1" screw through the hinge into the door leaf.
- 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.
- Latch and deadbolt strike plates: one each required. Secure into the frame jamb with two No. 10 x 2-1/2" bugle head screws.

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 3/4 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 center. At the sill, use No. 8 x 3" bugle head screws 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 head, 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 center. Use No. 8 x 3" bugle head screws at the sill located approximately 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.