

Product Evaluation

DR1101 | 1222

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-1101

Effective Date: December 1, 2022

Re-evaluation Date: November 2023

Product Name: Series "Mahogany Horizontal 5-Lite" Glazed Inswing Wood Side Hinged Entry Doors, Singles, Frame Installation, Non-Impact Resistant

Manufacturer: Hoelscher Weatherstrip Mfg. Co., Inc.
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: 37.5 x 97.5	+55 / -55 psf
2	3'-0" x 6'-8" Single Door (X)	MST: 37.69 x 81.50	+60 / -60 psf
3	3'-6" x 8'-0" Single Door (X)	MST: 43.63 x 98	+60 / -60 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	37-1/2" x 97-1/2"	36" x 96"	25" x 4" (5)
2	37-11/16" x 81-1/2"	36" x 80"	25" x 4" (5)
3	43-5/8" x 98"	41-1/4" x 95-1/2"	31" x 11-1/2" (5)

Hardware:

- **SGS Butt Hinges (part # 158-4.0):** A pin was inserted into each hinge. Secure to the frame and door leaf with four No. 10 x 1-1/2" bugle head screws.
 - Three pairs required for Systems 1-2
 - Four pairs required for System 3
- **Kwikset Signature Series, Chelsea handle and Juno knob (System 1-2):** One required
- **Kwikset Model 800CE Lock Set with handle (System 3):** One required
- **Door handle strike:** One required; secure to the frame jamb with two No. 10 x 2-1/2" bugle head screws
- **BHP Deadbolt (52115Sn and part #10626DC):** One each required
- **Deadbolt and Latch strike plate:** One each required; secure to the frame jamb with two 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	3080 Mahogany 5-Lite Glazed Inswing Wood Entrance Door
	Test standards	ASTM E330-14
2	Certification agency	NAMI
	Manufacturer's name or code name	Hoelscher Weatherstrip Mfg. Company
	Product name	3068 Mahogany Horizontal 5-Lite Glazed Inswing Wood Entrance Door
	Test standards	ASTM E330-14
3	Certification agency	NAMI
	Manufacturer's name or code name	Hoelscher Weatherstrip Mfg. Company
	Product name	Mahogany Horizontal 5-Lite Glazed Inswing Wood Door
	Test standards	ASTM E330-14

Impact Resistance:

System	Impact Resistant	Requirement
1-3	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 at the side jambs through the hinges using No. 8 x 3" bugle head screws. Along the hinge jamb, place the screws through the first and third hinge. Along the sill, locate the screws approximately 5" from each corner and 12" 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 at the side jambs through the hinges using No. 8 x 3" bugle head screws. Along the hinge jamb, place the screws through the first and third hinge. For the remaining jambs, locate the screws approximately 3" from the inside frame corners and 15" on center. Along the sill, locate the screws approximately 5" from each corner and 12" 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 Spruce-Pine Fir dimension lumber. The door assembly is secured to the wall framing using No. 8 x 3" screws. Place two screw through the hinge jamb. At the sill, locate the screws approximately 4" from each corner and 10" on center. Along the head and side jambs, use No. 8 x 2-1/2" screws. At the head, locate the screws approximately " from each corner and one at the center. At the side jambs, locate the screws approximately 3" from each corner and 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.