

Product Evaluation

DR725 | 0423

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-725

Effective Date: April 1, 2023

Re-evaluation Date: January 2024

Product Name: Mahogany 6-Panel Opaque 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	3068 Mahogany 6-Panel Opaque Wood Side Hinged Doors (X)	MST: 37.69 x 79.81	+50 / -50 psf
2	Mahogany 6-Panel Opaque Wood Side Hinged Doors (XX)	MST: 6'0" x 8'0"	+55 / -55 psf
3	Mahogany 6-Panel Opaque Wood Side Hinged Door; Single (X)	MST: 3'8" x 8'2"	+60 / -60 psf

Product Dimensions:

System	Overall Size	Operable Panel Size
1	37-11/16" x 79-3/16"	36" x 78-1/4"
2	72" x 96"	36-3/4" x 95-1/4"
3	37-3/4" x 97-5/8"	36" x 95-1/8"

Components and Hardware:**System 1:**

- **Kwikset Model 800SEXTNL Lockset with handle:** One (1) required.
- **Door handle strike:** One (1) required; secure to the frame jamb with two No. 10 x 2-1/2" bugle head screws.
- **SGS Butt Hinge (part #158-4.0):** Three (3) pairs required; A pin was inserted into each hinge. Secure to the frame with four No. 10 x 1-1/2" bugle head screws and to the door leaf with four No. 10 x 1-1/2" bugle head screws.
- **BHP Deadbolt (part #10626DC):** One (1) required
- **BHP Deadbolt (52115Sn):** One (1) required.
- **Deadbolt and Latch strike plate:** One (1) each required; secure to the frame jamb with two No. 10 x 2-1/2" bugle head screws.

System 2:

- **Kwikset 687DA Lockset (Deadbolt and Latch):** One (1) required; secure to the door leaf lock stile with two No. 8 x 1-1/2" bugle head screws.
- **Deadbolt and Latch strike plate:** One (1) each required; secure to the passive leaf astragal with two No. 10 x 2-1/2" bugle head screws.
- **Butt Hinges:** Eight (8) required; Secure to the leaf stiles with two No. 10 x 1" bugle head screws and two No. 10 x 2-1/2" bugle head screws; secure to the frame jambs with two No. 10 x 1" bugle head screws and two No. 10 x 2-1/2" bugle head screws.
- **Surface Bolts:** Four (4) required.
- **Surface Bolt strike plate:** Four (4) required; secure with two No. 10 x 2-1/2" bugle head screws at the threshold and three No. 8 x 3" bugle head screws at the head.
- **Flush Bolts:** Two (2) required.
- **Flush Bolt strike plates:** Two (2) required; secure to the passive door leaf astragal with four No. 8 x 3/4" bugle head screws.
- **Flush Bolt reinforcement guide plates:** Two (2) required; secure with two No. 10 x 2-1/2" bugle head screws.

System 3:

- **Kwikset Cortez 800 CE Lockset:** One (1) required.
- **Kwikset Cortez 966 CZ Deadbolt:** One (1) required.
- **Butt Hinges:** Eight (8) required; A pin was inserted into each hinge. Secure to the door panel with four No. 8 x 3/4" bugle head screws; secure to the door jamb with two No. 8 x 3/4" bugle head screws and two No. 8 x 3" bugle head screws.
- **Deadbolt and Latch strike plate:** One (1) each required; Secure with two No. 8 x 3" 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	3068 Mahogany 6-Panel Opaque 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	6 Panel Mahogany Opaque Double Entrance Doors
	Test standards	ASTM E330-02
3	Certification agency	NAMI
	Manufacturer's name or code name	Hoelscher Weatherstrip Mfg. Company
	Product name	Mahogany Opaque Wood Door
	Test standards	ASTM E330-02

Compliance: The products comply with ASTM E 330-14 as reference in the 2018 IRC and 2018 IBC.

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 to the wall framing using minimum No. 8 x 3" bugle head screws. Along the hinge jamb, locate the screws through the hinges. Along the threshold, locate the screws approximately 5" from each end and spaced 12" on center. Along the remaining frame members, locate the screws 3" from the inside frame corners and spaced 15" 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 using minimum No. 10 x 2-1/2" bugle head screws. Along the jambs, behind the weatherstrip, locate the screws approximately 1" from the inside corners and spaced 12" on center thereafter. Along the head, behind the weatherstrip, locate the screws at the midpoint and approximately 2" on each side of the midpoint. Along the threshold, locate the screws through the flush bolt strike plates. 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 minimum No. 8 x 3" bugle head screws. Along the jambs, locate the screws through the hinges. Along the threshold, locate the screws approximately 5" from each corner 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.