

Product Evaluation

DR868 | 0319

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-868

Effective Date: March 1, 2019

Re-evaluation Date: June 2021

Product Name: Mahogany Wood Opaque Inswing Side Hinged Doors, Non- impact Resistant

Manufacturer: Hoelscher Weatherstrip Manufacturing Co., Inc.
1011 Houston Oaks Drive
Houston, TX 77064
(713) 869-6466

General Description:

System	Description	Label Rating	Design Pressure Rating
1	3080 Mahogany Opaque Inswing Single Door; X	Maximum Size Tested: 3'8" x 8'2"	+60 / -60 psf

Product Dimensions:

System	Overall Size	Door Panel Size	Door Glass Daylight Opening Size
1	37-3/4" x 97-5/8"	36" x 95-1/8"	N/A

Hardware -Hinges:

Four (4) required; secured to the door panel with four (4) No. 8 x 3/4" bugle head screws; secured to the door jamb with two (2) No. 8 x 3/4" bugle head screws and two (2) No. 8 x 3" bugle head screws.

Hardware – Deadbolts and Locksets

Lockset: Kwikset Cortez 800 CE; located on the door panel

Deadbolt: Kwikset Cortez 966 CZ; located on the door panel

Strike Plates

Dead bolt strike plate: One (1) required; secured to the lock jamb with two (2) No. 8 x 3" bugle head screws.

Lockset strike plate: One (1) required; secured to the lock jamb with two (2) No. 8 x 3/4" bugle head screws.

Thresholds:

Endura ZAIL 4565 aluminum threshold; inswing; 1-3/8" high x 4-9/16" long

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Hoelscher Weatherstrip Mfg. Company
	Product Name	Mahogany Opaque Wood Door
	Test Standards	ASTM E 330-02

Impact Resistance:

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

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

Installation:

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door is secured to the wall framing in the following manner:

Hinge Jamb: Minimum No. 8 x 3" bugle head screws. Located in first and third hole through each hinge into wall framing.

Lock Jamb: Minimum No. 8 x 3" bugle head screws. Located at the strike plates; two (2) fasteners through each strike plate.

Threshold: Minimum No. 8 x 3" bugle head screws. Located through the aluminum, 5" from the frame corners and 12" on center.

Note: All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.