



Product Evaluation

DR579 | 0816

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-579

Effective Date: August 1, 2016

Re-evaluation Date: December 2016

Product Name: Mahogany Wood Inswing Glazed Side Hinged Doors with 6 Lite True Divided Lite Glass, 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	6080 Mahogany 6 Lite TDL Inswing Door, XX	MST: 6'3" x 8'3"	+50 /-50 psf
2	3080 Mahogany 6 Lite TDL Inswing Door, X	MST: 3'2" x 8'2"	+55 /-55 psf

Product Dimensions:

System	Overall Size	Panel Size	Panel Glass Daylight Opening Size
1	74-3/4" x 99"	Active: 36" x 84" Passive: 36" x 84"	10-5/8" x 19-3/4" (Bottom 4 lites) 10-5/8" x 18-3/8" (top lite towards lock stile) 10-5/8" x 13-15/16" (top lite towards jamb)
2	37-3/4" x 98-3/8"	36" x 96"	10-9/16" x 19-7/8" (6 lites)

Hardware:

Hinges:

- **System 1:** Four required per door panel; secured to the door panel with two, No. 10 x 1" bugle head screws and two No. 10 x 2" bugle head screws; secured to the door jamb with two, No. 10 x 1" bugle head screws and two No. 10 x 2-1/2" bugle head screws.
- **System 2:** Four required; secured to the door panel with three, No. 10 x 1" bugle head screws and two No. 10 x 2-1/2" bugle head screws; secured to the door jamb with two, No. 8 x 3/4" bugle head screws and two No. 10 x 2-1/2" bugle head screws.

Deadbolt and locksets

System 1:

- Schlage JH58 lockset (dead bolt and dead bolt latch); Located on the active door panel.
- Dead bolt strike plate; Secured to the passive panel astragal with two No. 8 x 3/4" bugle head screws.
- Dead bolt latch strike plate; Secured to the passive panel astragal with two No. 8 x 3/4" bugle head screws.
- Flush bolts; two required; Located on the passive panel at the top and the bottom.
- Flush bolt strike plate; Two required; Located at the head and the threshold; secured with two No. 8 x 3" bugle head screws.
- Flush bolt reinforcement guide plates; two required; Located at the top and the bottom of the stationary locking stile; secured with two No. 8 x 3/4" bugle head screws.
- Surface bolts; four required; Located on the interior locking stiles at the top and the bottom.
- Surface bolt strike plate; two required; Located at the head and the threshold; secured with two No. 10 x 2-1/2" bugle head screws.

System 1:

- Kwikset 800CE lockset (dead bolt and dead bolt latch); Located on the door panel.
- Dead bolt strike plate; Secured to the lock jamb with four No. 10 x 3" bugle head screws.
- Dead bolt latch strike plate; Secured to the lock jamb with two No. 8 x 1-1/2" bugle head screws.

Sill:

- System 1: Plastic and aluminum; adjustable with a sloped sill
- System 2: Aluminum; sloped sill

Product Identification (Certification Agency Label on Door):

System	Certification Agency	NAMI
1	Manufacturer's Name or Code Name	Hoelscher Weatherstrip Mfg Company
	Product Name	6080 Six-Lite Mahogany Arch Top Glazed True Divided Lite Wood Entrance Doors
	Test Standards	ASTM E 330-02

Product Identification (Certification Agency Label on Door) - Continued:

System	Certification Agency	NAMI
2	Manufacturer's Name or Code Name	Hoelscher Weatherstrip Mfg Company
	Product Name	3080 Mahogany 6 Lite TDL Glazed Entrance Door
	Test Standards	ASTM E 330-02

Impact Resistance:

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

Installation:

System 1: 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:

- Jambs (behind weatherstrip): Minimum No. 10 x 2-1/2" bugle head screws. Located 2" from inside frame corners and 10" on center.
- Head (behind weatherstrip): Minimum No. 10 x 2-1/2" bugle head screws. Located 2" on each side of the midpoint and at the midpoint.
- Threshold (through aluminum): Minimum No. 10 x 2" bugle head screws. Located 4" from outside frame corners and 11" on center.

System 2: 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:

- Jambs (behind weatherstrip): Minimum No. 10 x 2-1/2" screws. Located 3" from inside frame corners and 15" on center.
- Head (behind weatherstrip): Minimum No. 10 x 2-1/2" screws. Located 3" from inside frame corners and at the midpoint.

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