



Product Evaluation

DR171 | 0818

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-171

Effective Date: August 1, 2018

Re-evaluation Date: December 2020

Product Name: Prime Wood Glazed Outswing Side Hinged Doors, Brickmould Installation, Non-Impact Resistant

Manufacturer: Lincoln Wood Products
1400 W. Taylor Street
Merrill, WI 54452
(715) 536-2461

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Prime Wood Glazed French Outswing Side Hinged Doors; XX	R-PG50 74x96 - SHD	+50 /-50 psf

Component Dimensions:

System	Overall Size	Panel Size	Panel Glass Daylight Opening Size
1	74" x 95-1/2"	Active: 35-3/4" x 93-1/2" Passive: 35-3/4" x 93-1/2"	26-1/8" x 81-1/8"

Hardware:

- **3-point Lock:** Located on the active door panel stile. Center latch and deadbolt and locks at the head and the sill.
- **Latch and Deadbolt Strike Plate:** One required; locate on passive door panel astragal; secured with two No. 8 x 3/4" screws and one No. 8 x 2-1/2" screw.

Hardware (continued):

- **Lock Strike Plate:** Two required; located on the passive door panel astragal; each secured with two No. 8 x 2-1/2" screws.
- **Lever Activated Flush Bolt Lock:** Located on the passive door panel stile. Flush bolt located at the head and the sill.
- **Flush Bolt Strike Plates;** Two required (one at the head and the sill); each secured with two, No. 8 x 2-1/2" screws.
- **Hinges:** Four required; secured to the door slab with four No. 8 x 1-1/4" screws; secured to the door jamb with three, No. 10 x 3/4" screws and one No. 10 x 2-1/2" screw (long enough to penetrate a minimum of 1/1/2" into the wall framing).

Sill: Extruded aluminum clad wood

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	LN-1
	Product Name	Wood Outswing French Door w/PG50 Upgrade
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

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

Installation:

Secure the door to minimum Spruce-Pine-Fir dimension lumber. Secure the door assembly to the wall framing using the door frame head and side jambs with minimum 20-gauge x 7" x 1-1/2" steel clips. Locate the clips approximately 4" from each corner and 16" on center. Secure the clips to the door frame with two No. 10 x 3/4" screws. Secure the clips to the wall framing with minimum No. 6 screws. Also, secure the door to the wall framing using the brickmould along the head and side jambs with minimum No. 6 x 2-1/2" screws. Locate the fasteners approximately 8" from each corner and 8" on center. Use fasteners long enough to penetrate a minimum of 1-1/2" into the framing.

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.