

Product Evaluation

DR928 | 0422

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-928

Effective Date: April 1, 2022

Re-evaluation Date: June 2025

Product Name: Prime Wood Glazed Outswing Side Hinged Doors, 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 | Wood Outswing Door; OX | LC-PG30 (74 x 98)-SHD | +30 / -30 psf |
| 2 | Wood Outswing Door; OX | LC-PG50 (74 x 98)-SHD | +50 / -50 psf |
| 3 | Wood Outswing French Door w/ 3-point lock; XX | R-PG30 (74 x 98)-SHD | +30 / -30 psf |
| 4 | Wood Outswing French Door w/ 5-point lock; XX | R-PG30 (74 x 98)-SHD (MODIF) | +30 / -30 psf |
| 5 | 2-1/4" Wood Outswing French Doors; XX | LC-PG35 (86 x 122)-SHD (MODIF) | +35 / -35 psf |
| 6 | 2-1/4" Wood Outswing French Doors; XX | LC-PG35 (86 x 98)-SHD | +35 / -35 psf |

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|--------------------------------|--------------------------------|------------------------|
| 7 | 2-1/4" Wood Outswing Doors; OX | LC-PG30 (86 x 98)-SHD | +30 / -30 psf |
| 8 | 2-1/4" Wood Outswing Doors; OX | LC-PG45 (86 x 122)-SHD (MODIF) | +45 / -45 psf |
| 9 | 2-1/4" Wood Outswing Doors; X | LC-PG50 (43 x 98)-SHD | +50 / -50 psf |
| 10 | 2-1/4" Wood Outswing Doors; X | LC-PG50 (43 x 122)-SHD | +50 / -50 psf |
| 11 | Wood Outswing French Door; XX | R-PG50 (74 x 96)-SHD | +50 / -50 psf |

Product Dimensions:

| System | Overall Size | Panel Size | Panel Daylight Opening Size |
|--------|----------------------|-----------------------|-----------------------------|
| 1-4 | 73-15/16" x 98-1/4" | 35-13/16" x 95-15/16" | 29-3/16" x 88-9/16" |
| 5, 8 | 85-15/16" x 122-1/4" | 41-3/4" x 120" | 35-13/16" x 112-9/16" |
| 6-7 | 85-15/16" x 98-1/4" | 41-3/4" x 96" | 35-13/16" x 88-9/16" |
| 9 | 43-3/8" x 98-1/4" | 41-3/4" x 96" | 35-13/16" x 88-9/16" |
| 10 | 43-3/8" x 122-1/4" | 41-3/4" x 120" | 35-3/16" x 112-9/16" |
| 11 | 74" x 95-1/2" | 35-3/4" x 93-1/2" | 26-1/8" x 81-1/8" |

Components and Hardware:**Systems 1, 7, 9:**

- **3-point lock:** Located on the door panel stile. Center latch and deadbolt, two adjacent locks.
- **Latch and deadbolt strike plate:** one each required; secure with two No. 8 x 3/4" screws and one No. 8 x 2-1/2" screw
- **Lock strike plate:** two required; secure with two No. 8 x 2-1/2" screws
- **Hinges:** four required; secure to the door slab with four No. 8 x 1-1/4" screws and to the door jamb with three No. 10 x 3/4" screws and one No. 10 x 2-1/2" screw.

Systems 2, 8, 10:

- **5-point lock:** Located on the door panel stile. Center latch and deadbolt, two adjacent locks, shoot bolts at the head and the sill.
- **Latch and deadbolt strike plate:** one each required; secure with two No. 8 x 3/4" screws and one No. 8 x 2-1/2" screw
- **Lock strike plate:** two required; secure with two No. 8 x 2-1/2" screws
- **Hinges:** four required; secure to the door slab with four No. 8 x 1-1/4" screws and to the door jamb with three No. 10 x 3/4" screws and one No. 10 x 2-1/2" screw.
- **Flush Bolt strike plate:** two required, one at the head and sill; secure with two No. 8 x 2-1/2" screws.

Systems 3, 6, 11:

- **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; secure with two No. 8 x 3/4" screws and one No. 8 x 2-1/2" screw.
- **Lock Strike Plate:** Two required; secure 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 sill, secure with two, No. 8 x 2-1/2" screws.
- **Hinges:** Four required per door panel; secure to the door slab with four No. 8 x 1-1/4" screws and to the door jamb with three No. 10 x 3/4" screws and one No. 10 x 2-1/2" screw.

Systems 4-5:

- **5-point Lock:** Located on the active door panel stile. Center latch and deadbolt, two adjacent locks, shoot bolts at the head and the sill.
- **Latch and Deadbolt Strike Plate:** One required; secure with two No. 8 x 3/4" screws and one No. 8 x 2-1/2" screw.
- **Lock Strike Plate:** Two required; secure 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;** Four required, two at the head and sill; secure with two No. 8 x 2-1/2" screws.
- **Hinges:** Four required per door panel; secure to the door slab with four No. 8 x 1-1/4" screws and to the door jamb with three, No. 10 x 3/4" screws and one No. 10 x 2-1/2" screw

Product Identification (Certification Label on Door):

| System | | |
|--------|----------------------------------|---------------------------------|
| 1-2 | Certification agency | AAMA |
| | Manufacturer's name or code name | LN-1 |
| | Product name | Wood Outswing 2 Wide Door |
| | Test standards | AAMA/WDMA/CSA 101/I.S.2/A440-08 |
| 3-4 | Certification agency | AAMA |
| | Manufacturer's name or code name | LN-1 |
| | Product name | Wood Outswing French Door |
| | Test standards | AAMA/WDMA/CSA 101/I.S.2/A440-08 |
| 5-6 | Certification agency | AAMA |
| | Manufacturer's name or code name | LN-1 |
| | Product name | 2-1/4 Wood Outswing French Door |
| | Test standards | AAMA/WDMA/CSA 101/I.S.2/A440-08 |

Product Identification (Certification Label on Door)-Continued:

| System | | |
|--------|----------------------------------|--|
| 7-8 | Certification agency | AAMA |
| | Manufacturer's name or code name | LN-1 |
| | Product name | 2-1/4 Wood Outswing 2 Wide Door |
| | Test standards | AAMA/WDMA/CSA 101/I.S.2/A440-08 |
| 9-10 | Certification agency | AAMA |
| | Manufacturer's name or code name | LN-1 |
| | Product name | 2-1/4 Wood Outswing Door |
| | Test standards | AAMA/WDMA/CSA 101/I.S.2/A440-08 |
| 11 | 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 |
|--------|------------------|---|
| 1-11 | No | Provide an impact protective system when installing the product in areas that require windborne debris. |

Installation:

Systems 1-10: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing using the PVC brickmould along the head and side jambs with minimum No. 6 x 2-1/2 PFH screws. Locate the fasteners approximately 6" from each corner and 6" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

System 11: The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured 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 and 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. 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.