

Product Evaluation

DR858 | 0222

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-858

Effective Date: February 1, 2022

Re-evaluation Date: January 2025

Product Name: Ultimate 2-1/4" Aluminum Clad Wood Multi-Slide Pocket and Stacked Doors, Non-Impact Resistant

Manufacturer: Marvin
P.O. Box 100
Highway 11 West
Warroad, MN 56763
(218) 386-4021

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|--|---------------------------|------------------------|
| 1 | Ultimate Multi-Slide Pocket Door; PXX-XXP | LC-PG40 (282.97 x 118.72) | +40 / -40 psf |
| 2 | Ultimate Multi-Slide Stacked Door; OXX | LC-PG40 (133.57 x 118.72) | +40 / -40 psf |
| 3 | Ultimate Multi-Slide Pocket Door, HP; PXX | LC-PG55 (142.35 x 96.5) | +55 / -65 psf |
| 4 | Ultimate Multi-Slide Stacked Door, HP; OX-XO | LC-PG55 (180.76 x 96.5) | +55 / -65 psf |

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|--|--------------------------|------------------------|
| 5 | Ultimate Multi-Slide Pocket Door, HP; PXX | LC-PG55 (142.35 x 120.5) | +55 / -65 psf |
| 6 | Ultimate Multi-Slide Stacked Door, HP; OXX | LC-PG55 (133.57 x 120.5) | +55 / -55 psf |
| 7 | Ultimate Multi-Slide Stacked Door, HP; OX-XO | LC-PG45 (180.76 x 120.5) | +45 / -50 psf |

Product Dimensions:

| System | Overall Size | Panel Size | Panel Daylight Opening Size |
|--------|---------------------|--|-----------------------------|
| 1 | 283" x 118-3/4" | 47-1/16" x 116-1/2" Pocket: 48-5/16" x 116-1/2" | 37-9/16" x 107" |
| 2 | 133-1/2" x 118-3/4" | 47-1/16" x 116-1/2" | 37-9/16" x 107" |
| 3 | 142-3/8" x 96-1/2" | 47-1/16" x 92-1/2" Pocket: 48-5/16" x 92-1/2" | 37-9/16" x 83" |
| 4 | 180-3/4" x 96-1/2" | 47-1/16" x 92-1/2" | 37-9/16" x 83" |
| 5 | 142-3/8" x 120-1/2" | 47-1/16" x 116-1/2" Pocket: 48-5/16" x 116-1/2" | 37-9/16" x 107" |
| 6 | 133-1/2" x 120-1/2" | 47-1/16" x 116-1/2" | 37-9/16" x 107" |
| 7 | 180-3/4" x 120-1/2" | 47-1/16" x 116-1/2" | 37-9/16" x 107" |

Product Identification (Certification Label on Door):

| System | | |
|--------|----------------------------------|------------------------------------|
| 1 | Certification agency | WMDA |
| | Manufacturer's name or code name | Marvin |
| | Product name | UL MLT SLD DR PKT |
| | Test standards | AAMA/WDMA/CSA 101/I.S.2/A440-08,11 |
| 2 | Certification agency | WDMA |
| | Manufacturer's name or code name | Marvin |
| | Product name | UL MLT SLD DR STK |
| | Test standards | AAMA/WDMA/CSA 101/I.S.2A/440-08,11 |
| 3, 5 | Certification agency | WMDA |
| | Manufacturer's name or code name | Marvin |
| | Product name | UL MLT SLD DR PKT HP |
| | Test standards | AAMA/WDMA/CSA 101/I.S.2/A440-08,11 |

Product Identification (Certification Label on Door):

| System | | |
|--------|----------------------------------|------------------------------------|
| 4, 6-7 | Certification agency | WDMA |
| | Manufacturer's name or code name | Marvin |
| | Product name | UL MLT SLD DR STK HP |
| | Test standards | AAMA/WDMA/CSA 101/I.S.2A/440-08,11 |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|--|
| 1-7 | 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 Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing with No. 8 x 3" screws. Along the head and side jambs, locate two rows of screws approximately 6" from each corner and 20" on center. Along the pocket interlock, locate two rows of screws approximately 6" from each corner and 12" on center. At the sill, locate two rows of No. 8 x 1-1/2" screws approximately 20" on center along the width of the sill. 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 Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing with No. 8 x 3" screws along the head and side jambs. Along the head and side jambs, locate two rows of screws approximately 6" from each corner and 20" on center. In addition, along the side jambs, locate one (1) screw at the top and bottom of each side jamb through the wood filler. Locate four (4) No. 8 x 2-1/2" screws through the 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 Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing with No. 8 x 3" screws. Along the head and pocket jamb, locate two rows of screws approximately 6" from each corner and 20" on center. At the locking jamb, locate one row of screws approximately 6" from each corner and 20" on center, and one at the top and bottom of each side jamb through the wood filler. Locate four (4) No. 8 x 2-1/2" screws through each strike plate. Along the pocket interlock, locate two rows of screws approximately 6" from each corner and 12" on center. At the sill (with foam slope), locate four (4) screws 20" on center across the width of the sill. At the sill (with wood slope), locate four (4) No. 8 x 1-3/4" screws approximately 20" on center across the width of the sill. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Systems 4, 6-7: The wood wall framing members must be minimum Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing through the frame. The frame head and side jambs are secured to the wall framing with minimum No. 8 x 3" screws. Two rows of fasteners are required. The fasteners are located approximately 6" from each corner and 20" on center. The lock strike plate is secured to the wall framing with four (4) No. 8 x 2-1/2" screws. The stationary brackets (1.238" x 0.969" x 0.125" aluminum) are secured to the wall framing with No. 8 x 2-1/2" screws. Two (2) screws are required for each bracket. The frame sill is secured to the wall framing with minimum No. 8 x 1-3/4" screws. Four rows of fasteners are required. The fasteners are located approximately 6" from each corner and 20" on center. All fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing.

Systems 5: The wood wall framing members must be minimum Southern Yellow Pine dimension lumber. The door assembly is secured to the wall framing through the frame. The frame head and pocket jamb are secured to the wall framing with minimum No. 8 x 3" screws. Two rows of fasteners are required. The fasteners are located approximately 6" from each corner and 20" on center. The locking jamb is secured to the wall framing with minimum No. 8 x 3" screws. One row of fasteners is required. The fasteners are located approximately 6" from each corner and 20" on center. In addition, one screw is located at the top and bottom of each side jamb through the wood filler. The pocket interlock is secured to the wall framing with minimum No. 8 x 3" screws. Two rows of fasteners are required. The fasteners are located approximately 6" from each corner and 12" on center. The lock strike plate is secured to the wall framing with four (4) No. 8 x 2-1/2" screws. The frame sill is secured to the wall framing with minimum No. 8 x 1-3/4" screws. Four rows of fasteners are required. The fasteners are located approximately 6" from each corner and 20" on center. 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 and the IBC.