

## Product Evaluation

DR885 | 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-885

**Effective Date:** April 1, 2022

**Re-evaluation Date:** April 2026

**Product Name:** Aluminum Clad Wood Lift and Slide Patio Doors, Non-Impact Resistant

**Manufacturer:** Sierra Pacific Windows  
575 South Whelen Ave.  
Medford, WI 54451  
(715) 748-2011

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Clad Wood Lift and Slide Patio Doors w/ weep gates; OXXO	LC-PG30 (233 x 99)-SD	+30 / -30 psf
2	Clad Wood Lift and Slide Patio Doors w/ drain tubes; OXXO	LC-PG35 (233 x 99)-SD	+35 / -35 psf
3	Clad Wood Lift and Slide Patio Doors w/ weep gates or drain tubes; XO	LC-PG40 (118 x 99)-SD	+40 / -40 psf
4	Clad Wood Lift and Slide Patio Doors w/ drain tubes; XXO	LC-PG50 (173 x 99)-SD	+50 / -50 psf
5	Clad Wood Lift and Slide Patio Doors w/ weep gates; XXO	LC-PG35 (173 x 99)-SD	+35 / -35 psf

**General Description:**

System	Description	Label Rating	Design Pressure Rating
6	Clad Wood Lift and Slide Patio Doors w/ weep gates; XXXXO	LC-PG35 (274 x 99)-SD	+35 / -35 psf
7	Clad Wood Lift and Slide Patio Doors w/ drain tubes; XXXXO	LC-PG50 (274 x 99)-SD	+50 / -50 psf
8	Clad Wood Lift and Slide Patio Doors w/ weep gates or drain tubes; XXO	LC-PG35 (209 x 111)-SD	+35 / -35 psf
9	Clad Wood Lift and Slide Patio Doors w/ weep gates or drain tubes; XXXP	LC-PG35 (173 x 99)-SD	+35 / -35 psf
10	Clad Wood Lift and Slide Patio Doors w/ weep gates; OXXO	LC-PG35 (233 x 99)-SD	+35 / -45 psf
11	Clad Wood Lift and Slide Patio Doors w/ drain tubes; OXXO	LC-PG45 (233 x 99)-SD	+45 / -45 psf
12	Clad Wood Lift and Slide Patio Doors w/ drain tubes; XXXP	LC-PG50 (173 x 99)-SD	+50 / -50 psf

**Product Dimensions:**

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1-2, 10-11	233" x 98-1/2"	60" x 96"	50-5/8" x 84"
3	117-1/2" x 98-1/2"	60" x 96"	50-5/8" x 84"
4-5, 9, 12	172-3/4" x 98-1/2"	60" x 96"	50-3/4" x 84"
6-7	273-1/2" x 98-1/2"	58" x 96"	48-5/8" x 84"
8	209" x 110-1/2"	72" x 108"	62-3/4" x 96"

**Product Identification (Certification Label on Door):**

System		
1-5, 8-11	Certification agency	WDMA
	Manufacturer's name or code name	Sierra Pacific Windows
	Product name	Clad Lift and Slide Patio Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
6-7	Certification agency	WDMA
	Manufacturer's name or code name	Sierra Pacific Windows
	Product name	Clad Lift and Slide Patio Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-11,17

**Impact Resistance:**

System	Impact Resistant	Requirement
1-12	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System		
1-2	Type of installation	Nail Fin Installation
	Wall framing	Douglas Fir dimension lumber
	Fasteners	<b>Exterior Head &amp; Side Jambs:</b> No. 8 x 2-1/4" screws <b>Interior Head:</b> No. 10 x 3" screws
	Fastener location/spacing	<b>Exterior Head and Jambs:</b> 3" and 6" from each corner and then 12" apart through the nail fin <b>Interior Head:</b> 1" and 6" from each corner and then 36" apart through the top track.
	Fastener penetration	Minimum of 1-1/2" into the wall framing
3	Type of installation	Nail Fin Installation
	Wall framing	Douglas Fir dimension lumber
	Fasteners	<b>Exterior Head &amp; Side Jambs:</b> No. 8 x 2-1/4" screws <b>Interior Head &amp; Side Jambs:</b> No. 10 x 3" screws
	Fastener location/spacing	<b>Exterior Head and Jambs:</b> 3" and 6" from each corner and then 12" apart through the nail fin <b>Interior Head:</b> 1" and 6" from each corner and then 36" apart through the top track. <b>Interior Side Jambs:</b> 24" from each corner and one in the center. (active side only)
	Fastener penetration	Minimum of 1-1/2" into the wall framing
4-5, 8, 10-11	Type of installation	Nail Fin Installation
	Wall framing	Douglas Fir dimension lumber
	Fasteners	<b>Exterior Head &amp; Side Jambs:</b> No. 8 x 2-1/4" screws <b>Interior Head &amp; Side Jambs:</b> No. 10 x 3" screws
	Fastener location/spacing	<b>Exterior Head and Jambs:</b> 3" and 6" from each corner and then 12" apart through the nail fin <b>Interior Head:</b> 1" and 6" from each corner and then 36" apart through the top track. Three screws located 1" and 6" through each top track where stiles overlap. <b>Interior Side Jambs:</b> 24" from each corner and one in the center.
	Fastener penetration	Minimum of 1-1/2" into the wall framing

**Installation:**

System		
6-7	Type of installation	Nail Fin Installation
	Wall framing	Douglas Fir dimension lumber
	Fasteners	<b>Exterior Head &amp; Side Jambs:</b> No. 8 x 2-1/4" screws <b>Interior Head &amp; Side Jambs:</b> No. 10 x 3" screws
	Fastener location/spacing	<b>Exterior Head and Jambs:</b> 3" and 6" from each corner and then 12" apart through the nail fin <b>Interior Head:</b> 36" apart through the top track. Three screws located 1" and 6" through each top track where stiles overlap. <b>Interior Side Jambs:</b> Approximately 6", 24", 46-1/2", and 74-1/2" from the sill.
	Fastener penetration	Minimum of 1-1/2" into the wall framing
9, 12	Type of installation	Frame Installation
	Wall framing	Douglas Fir dimension lumber
	Fasteners	No. 10 x 3" screws
	Fastener location/spacing	<b>Interior Side Jambs:</b> Approximately 6", 24", 46-1/2", and 74-1/2" from the sill. <b>Exterior Side Jambs &amp; Pocket Interlock:</b> 9" from the sill and then 12" on center <b>Exterior Head:</b> 6" from the side jambs and then 12" on center <b>Interior Head:</b> 36" apart through the top track. Three screws located 1" and 6" through each top track where stiles overlap.
	Fastener penetration	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.