

Product Evaluation

DR961 | 1222

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-961

Effective Date: December 1, 2022

Re-evaluation Date: December 2026

Product Name: Aluminum Clad Wood Glazed Inswing Side Hinged Patio Door with Tru-Lock, Fin Installation, 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	Aluminum Clad Wood Glazed Inswing Side Hinged Door with Tru-Lock, X	LC-PG35 38 x 99-LW-SHD	+35 / -35 psf

Product Dimensions:

System	Overall Size	Door Panel Size	Door Panel Glass Daylight Opening Size
1	37-3/4" x 98-1/2"	35-7/8" x 96"	27" x 84-1/4"

Hardware:

2-point Lock: Amesbury Tru-Lock, Key activated; Located on the door panel stile.

Schlage handle set: Located on the door panel.

Latch Strike Plate: One (1) required; locate on door frame lock jamb; secured with two (2) No. 8 x 2-1/2" PFH screws.

Lock Strike Plate: One (1) required; located on the door frame lock jamb; secured with two (2) No. 8 x 2-1/2" PFH screws.

Hinges: 4x4 Ashland adjustable hinges; Four (4) required; secured to the door slab with four (4) No. 12 x 3/4" PH screws; secured to the door jamb with three (3) No. 12 x 1-1/4" PH screws and one (1) No. 12 x 2-1/2" PH screw (long enough to penetrate a minimum of 1-1/2" into the wall framing).

Sill: Slope sill; Extruded aluminum sill and wood threshold; 1.966" height

Product Identification (Certification Label on Door):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	Aluminum Clad Inswing Patio Door w/Tru-Lock
	Test Standards	AAMA/WDAA/CSA 101/I.S.2/A440-11

Compliance: The products comply with AAMA/WDMA/CSA 101/I.S.2/A440-17 as referenced in the 2018 IRC and 2018 IBC.

Impact Resistance:

System	Impact Resistant	Requirement
1	No	These products have not been tested for windborne debris resistance. An impact protection system is required when installing this product in areas where windborne debris protection is required.

Installation:

The wall framing must be minimum Southern Yellow Pine dimension lumber. The assembly must be secured to the wall framing using the vinyl nailing flange with minimum No. 8 PPH screws. The fasteners are located approximately 2" to 3" from each corner and 6" to 8" on center along the head and each side jamb. The sill is secured with adhesive. 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.