

Product Evaluation

DR1135 | 0221

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-1135

Effective Date: February 1, 2021

Re-evaluation Date: February 2025

Product Name: Pinnacle Series Aluminum Clad Wood Sliding French Patio Doors, Fin Installation, Impact Resistant

Manufacturer: Windsor Windows and Doors
900 South 19th Street
West Des Moines, IA 50265
(515) 223-6660

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Pinnacle Series Clad Wood Sliding French Patio Doors; XX	LC-PG50-SD (95 x 98.5) Missile Level D	+50 / -50 psf
2	Pinnacle Series Clad Wood Sliding French Patio Doors; XXXX	LC-PG50-SD (188.563 x 98.5) Missile Level D	+50 / -50 psf

Product Dimensions:

System	Overall size	Operable Panel Size	Panel Daylight Opening Size
1	95" x 98-1/2"	47-3/4" x 95-1/2"	39-1/4" x 83"
2	188-9/16" x 98-1/2"	47-3/4" x 95-1/2"	39-1/4" x 83"

Product Identification (Certification Label on Door):

System		
1-2	Certification agency	WDMA
	Manufacturer's name	Windsor Windows & DOORS
	Product name	Pinnacle Series Sliding Patio
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11,17 ASTM E1886-13a/E1996-14; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-2	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The assembly is secured to the wall framing using a nailing fin. The nailing fin is secured to the wall framing using minimum No. 8 x 1-3/4" long flat head screws. Locate the screws approximately 4" from each corner and 8-10" on center along the head and side jambs. The sill is attached with 20-gauge galvanized steel clips (1.5" x 6.914") that sit under the sill and screws into the wall framing. 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.