

Product Evaluation

DR1126 | 0121

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-1126

Effective Date: January 1, 2021

Re-evaluation Date: January 2025

Product Name: Pinnacle Series Aluminum Clad Wood Narrow Stile Inswing Side Hinged Patio Doors, Non-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 Inswing Side Hinged Patio Doors; OX	LC-PG40-SHD (75 x 95.5)	+40 / -40 psf
2	Pinnacle Series Clad Wood Inswing Side Hinged Patio Doors; X	LC-PG50-SHD (37.75 x 95.375)	+50 / -50 psf
3	Pinnacle Series Clad Wood Inswing Side Hinged Patio Doors; OX	LC-PG35-SHD (75.063 x 95.375)	+35 / -35 psf

Product Dimensions:

System	Overall Size	Operable Panel Size
1	75" x 95-1/2"	36" x 92-1/4"
2	37-3/4" x 95-3/8"	36" x 93"
3	75-1/16" x 95-3/8"	36" x 92-1/4"

Components and Hardware:

- Hoppe adjustable hinges: four required per door panel; secure to door panel with four (4) No. 10 x 1-1/4" PFH screws; secure to door jamb with two (2) No. 10 x 3/4" PFH screws and two (2) No. 10 x 2-1/4" screws
- Hoppe multipoint locking system: System 1 has shoot bolts with strike at the head and the sill; one required; located on the active panel; Strike plates secured with minimum No. 6 x 3/4" PFH screws
- Hoppe two-point locking system (shoot bolts) with strike at the head and the sill: located on the inactive panel; strike plates secured with minimum No. 6 x 3/4" PFH screws
- Deadbolt on active panel with strike plate on inactive panel; strike plates secured with minimum No. 8 x 3/4" PFH screws; one required

Product Identification (Certification Label on Door):

System		
1-3	Certification agency	WDMA
	Manufacturer's name or code name	Windsor Windows & Doors
	Product name	Pinnacle Series Inswing Patio
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11

Impact Resistance:

System	Impact Resistant	Requirement
1-3	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Installation:

System		
1-3	Type of installation	Nailing Fin
	Wall framing	Spruce-Pine-Fir dimension lumber
	Fasteners	2-1/2" long, minimum 11-gauge, smooth shank roofing nails
	Fastener location/spacing	Beginning at each corner and 8" on center thereafter along the perimeter
	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.