

## Product Evaluation

DR1212 | 1121

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-1212

**Effective Date:** November 1, 2021

**Re-evaluation Date:** November 2025

**Product Name:** Pinnacle Series Aluminum Clad Wood Narrow Stile Outswing Hinged Bi-Fold Doors, Non-Impact Resistant

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

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Pinnacle Clad Wood Narrow Stile Bi-Fold Doors (4 panel, 3L-1R)	LC-PG25-SP (146.375 x 96.875)	+25 / -25 psf

### Product Dimensions:

System	Overall Size	Operable Panel Size
1	146-3/16" x 96-7/8"	Four: 35-15/16" x 92-1/4"

**Components and Hardware:**

- Centor Hinges: four (4) per joint required; 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
- Centor twin point locking system: one (1) required; located on the first panel
- Centor surface applied slide bolt: two (2) required, one (1) at the head and sill; located on the third panel
- Hoppe Multipoint lock System: one (1) required; locking points at 7", 38", and 74" above the threshold
- Hoppe Deadbolt; One (1) required; 34" above threshold

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

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

**Impact Resistance:**

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

**Installation:**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing through an aluminum fin leg with minimum 12-gauge, 2" long, smooth shank roofing nails spaced 8" on center. The head track is secured with No. 10 x 3-1/2" screws spaced every 24". The sill is secured with nine (9) evenly spaced No. 10 x 3" screws. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

**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.