

## Product Evaluation

DR1208 | 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-1208

**Effective Date:** November 1, 2021

**Re-evaluation Date:** March 2024

**Product Name:** Pinnacle Series Aluminum Clad Wood Sliding French Patio 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 Series Aluminum Clad Wood Sliding French Patio Doors	R-PG40-SD (95 x 95.5)	+40 / -40 psf
2	Pinnacle Series Aluminum Clad Wood Sliding French Patio Doors	R-PG40-SD (71 x 119.5)	+40 / -40 psf
3	Pinnacle Series Aluminum Clad Wood Sliding French Patio Doors	R-PG50-SD (72 x 95.5)	+50 / -50 psf
4	Pinnacle Series Clad Wood Sliding French Patio Doors; OXXO	LC-PG50-SD (140 x 95.5)	+50 / -50 psf
5	Pinnacle Series Clad Wood Sliding French Patio Doors; OXXO	LC-PG35-SD (141 x 120)	+35 / -35 psf
6	Pinnacle Series Clad Wood Sliding French Patio Doors; XO	LC-PG25-SD (95 x 119.5)	+25 / -25 psf

**General Description (continued):**

System	Description	Label Rating	Design Pressure Rating
7	Pinnacle Series Clad Wood Sliding French Patio Doors; XO	LC-PG30-SD (95 x 107.5)	+30 / -30 psf
8	Pinnacle Series Clad Wood Sliding French Patio Doors; OXXO	LC-PG35-SD (188 x 82.5)	+35 / -35 psf
9	Pinnacle Series Clad Wood Sliding French Patio Doors; OXXO	LC-PG25-SD (188 x 95.5)	+25 / -25 psf

**Product Dimensions:**

System	Overall Size	Operable Panel Size	Panel Daylight Opening Size
1	95" x 95-1/2"	47-7/8" x 92-3/8"	38-3/4" x 78-3/4"
2	71" x 119-1/2"	35-3/4" x 116-1/2"	26" x 102-3/4"
3	72" x 95-1/2"	35-7/8" x 92-3/8"	26-3/4" x 78-3/4"
4	139-13/16" x 95-1/2"	35-7/8" x 92-3/8"	26" x 78-3/4"
5	140-5/8" x 120"	37-3/4" x 116-1/2"	26" x 102-3/4"
6	95" x 119-1/2"	47-7/8" x 116-3/8"	38-3/4" x 102-3/4"
7	95" x 107-1/2"	47-7/8" x 104-1/2"	38-3/4" x 90-3/4"
8	188-5/8" x 82-1/2"	47-5/8" x 79-5/8"	37-7/8" x 65-7/8"
9	188-5/8" x 95-1/2"	47-5/8" x 92-3/8"	37-7/8" x 78-3/4"

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

System		
1-9	Certification agency	WDMA
	Manufacturer's name or code name	Windsor Windows & Doors
	Product name	Pinnacle Series Sliding patio
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11

**Impact Resistance:**

System	Impact Resistant	Requirement
1-9	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

**Systems 1-3, 5, 8-9:** The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing with an aluminum nailing fin. The nailing fin is secured to the wall framing with 1-3/4" long smooth shank roofing nails. Locate the nails approximately 4" from each corner and 8-10" on center along the perimeter. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

**System 4:** The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing with an aluminum nailing fin. The nailing fin is secured to the wall framing with 1-3/4" long smooth shank roofing nails. Locate the nails approximately 4" from each corner and 8-10" on center along the perimeter. The sill was also secured with 1-1/2" x 0.037" galvanized steel clips stamped approximately 12" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

**Systems 6-7:** The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The door assembly is secured to the wall framing through the pre-punched holes along the head and side jambs with 2-1/2" long smooth shank roofing nails. Locate the nails approximately 4" from each corner and 8-10" on center. The sill was secured with 1-1/2" x 0.037" galvanized steel clips that sit under the sill and are screwed into the wall framing. 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.