



# Product Evaluation

WIN2200 | 0317

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:** WIN-2200

**Effective Date:** March 1, 2017

**Re-evaluation Date:** February 2021

**Product Name:** Series Pinnacle Aluminum Clad Wood Awning Windows, Non-Impact Resistant

**Manufacturer:** Windsor Windows & Doors  
900 S. 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 Clad Wood Awning Window	R-PG40 48x36-AP	+/-40 psf
2	Pinnacle Series Clad Wood Awning Window	R-PG50 48x36-AP	+/-50 psf
3	Pinnacle Series Clad Wood Awning Window	R-PG30 60x60-AP	+/-30 psf

### Product Dimensions:

System	Overall Size	Sash Size
1	48" x 36"	46.12" x 34.12"
2	48" x 36"	44" x 32"
3	60" x 60"	58.25" x 58.25"

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

System		
1, 2, 3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Windsor Windows and Doors
	Product Name	Pinnacle Series – Awning Clad Wood Frame
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2, 3	No	Provide an impact protective system when installing the product in areas that require windborne debris.

**Acceptance of Smaller Assemblies:** Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

**Installation:**

System		
1, 2, 3	Type of Installation	New Construction - Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	2" long, 11-gauge, Galvanized Roofing Nails
	Fastener Location/Spacing	Locate the fasteners 4" from corner/end and then every 8" to 10" on center through the pre-punched holes in the fin.
	Fastener Penetration	1-1/2" Minimum Embedment

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.