

## Product Evaluation

WIN2117 | 0423

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-2117

**Effective Date:** April 1, 2023

**Re-evaluation Date:** April 2027

**Product Name:** Series 100 Aluminum Twin Single Hung Windows with 101 Transom, Fin Installation, Non-Impact Resistant

**Manufacturer:** Krestmark Windows  
3950 Bastille Road, Suite 100  
Dallas, TX 75212  
(214) 237-5055

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 100 Aluminum Twin Single Hung Windows with 101 Transom	R-PG50 (88 x 108)-H	+50 / -50 psf

### Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Daylight Opening Size
1	88" x 108"	41-3/4" x 36-1/2"	Single Hung: 45" x 33-7/16" Transom: 85-5/16" x 34-3/16"

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

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	KR-1
	Product Name	100 SH TWIN W/ TRANSOM
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

**Impact Resistance:**

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

**Installation:****Nail Fin Installation:**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using a nailing fin. The nailing fin is secured to the wall framing using minimum No. 6 screws. Locate the screws approximately 2" from each end and 12" on center along the perimeter. Mulls anchored with aluminum heavy mull anchor brackets. Brackets must be minimum 1.175" x 0.955" x 0.080" 6063-T5 aluminum. Attach the brackets to the mullions with two (2) minimum No. 6 x 7/16" hex head screws and to the wall framing with two (2) minimum No. 8 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.