

Product Evaluation

WIN1261 | 0122

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-1261

Effective Date: January 1, 2022

Re-evaluation Date: November 2025

Product Name: Series 4000 Vinyl Twin Tilt Single Hung Windows w/ Transom, Field Muller, Fin Installation, Impact Resistant

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

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 4000 Vinyl Twin Tilt Single Hung Windows w/ Transom	R-PG50 (72 x 108)-H Missile Level D	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	71-1/2" x 107-5/8"	33-5/8" x 35-3/8"	Single Hung: 32" x 33-1/8" Transom: 69" x 33-5/8"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	KR-1
	Product Name	4000 SH Twin w/ Transom
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing with nailing fin. The nailing fin is mechanically secured to the wall framing with No. 8 screws. Locate the screws approximately 2" from each corner and 12" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Horizontal and Vertical Mullion: The horizontal and vertical mullions must be reinforced with Krestmark DP-50 aluminum reinforcement bars (hollow 6063 T5 extruded aluminum component, DIE#210A). Remove the single-hung and fixed window fins along the vertical and horizontal mullion edges. Attach mullion aluminum anchor clips to the mullion ends with two No. 8 x 1-1/4" screws per clip. Attach the mullion anchor clips to the wood framing with two No. 8 x 1-5/8" (minimum) screws per clip. The clips and mullion caps are set in a continuous bed of silicone sealant along the wood frame and the vinyl window frame.

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.