



Product Evaluation

WIN506 | 0516

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-506

Effective Date: May 1, 2016

Re-evaluation Date: February 2018

Product Name: Series 2500/3000 Vinyl Picture Window-W, Finless Installation, Non-impact Resistant

Manufacturer: Window Mart
P.O. Box 570
5760 Albert Pike
Royal, AR 71968
(888) 283-6278

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 2500/3000 Vinyl Fixed Picture Window-W; Finless Installation; Non-Reinforced; incorporates 7/8" insulated glass comprised of two 3/16" annealed glass lites (O)	FW-C55 72 x 72	+55 / -55 psf

Product Dimensions:

System	Overall Size	Glass Daylight Opening Size
1	72" x 72"	65-3/4" x 65-3/4"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 588-149
	Product Name	2500/3000 Picture Window-W
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

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

Design Drawings: The windows shall be installed in accordance with following listed drawings. The listed drawings will be referred to as the approved drawings in this evaluation report:

System	Design Drawings
1	Drawing No. 08-02322, titled "2500/3000 Picture Window Non-Reinforced 72" x 72" Non-Impact", Sheets 1-3, dated April 21, 2014, signed and sealed by Luis R. Lomas, P.E., on April 22, 2014.

Wall Framing Construction: The windows may be mounted to several types of wall framing construction. The types of wall framing construction allowed include:

- Concrete (minimum compressive strength: 3,192 psi)
- Wood dimension lumber (minimum Spruce-Pine-Fir, $G \geq 0.42$)
- Masonry (ASTM C-90, Grade N, Type 1 or greater)
- Steel (18 gauge, 33 ksi)
- Aluminum (6063-T5, 1/8" thick minimum)

Installation:

- Windows are installed in accordance with the approved drawings.
- The approved drawings indicate the minimum embedment depths for the fasteners and the minimum edge distances (minimum distance fastener must be from the edge of the substrate material) for the fasteners.

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.