

Product Evaluation

WIN1160 | 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-1160

Effective Date: January 1, 2022

Re-evaluation Date: December 2025

Product Name: Series 400/475 Vinyl Fixed Picture Windows, with or without Transoms, Individual, Twin, and Triple, Fin and Frame 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 400/475 Vinyl Fixed Picture Windows w/ Transom; O/O	R-PG50 (48 x 72)-FW	+50 / -50 psf
2	Series 400/475 Vinyl Fixed Picture Windows; O	R-PG65 (48 x 84)-FW	+65 / -65 psf
3	Series 400/475 Vinyl Fixed Picture Windows; O	R-PG50 (72 x 84)-FW	+50 / -50 psf
4	Series 400/475 Vinyl Fixed Picture Windows; O	LC-PG60 (72 x 72)-FW	+60 / -60 psf
5	Series 400/475 Vinyl Fixed Picture Windows w/ Transom; O/O	R-PG40 (72 x 96)-FW	+40 / -40 psf

General Description:

System	Description	Label Rating	Design Pressure Rating
6	Series 400/475 Vinyl Twin Fixed Picture Windows; OO	R-PG50 (88 x 84)-FW	+50 / -50 psf
7	Series 400/475 Vinyl Triple Fixed Picture Windows; OOO	R-PG30 (108 x 84)-FW	+30 / -30 psf

Product Dimensions:

System	Overall Size	Fixed Sash Daylight Opening Size
1	47-1/2" x 71-1/2"	Fixed Picture: 45" x 45" Transom: 21" x 45"
2	47-1/2" x 83-1/2"	44-3/4" x 81"
3	71-1/2" x 83-1/2"	67-1/2" x 78-1/2"
4	72" x 72"	69-1/16" x 69-1/16"
5	71-1/2" x 95-1/2"	Fixed Picture: 69" x 57" Transom: 69" x 33"
6	87-1/2" x 83-1/2"	41" x 78-1/2" (2)
7	" x "	" x "

Product Identification (Certification Label on Window):

System		
1, 5	Certification Agency	AAMA
	Manufacturer's Name or Code Name	KR-1
	Product Name	100/475 PW W/ TRANSOM
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 450
2, 4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	KR-1
	Product Name	400/475 PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	KR-1
	Product Name	400 PICTURE WINDOW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
6	Certification Agency	AAMA
	Manufacturer's Name or Code Name	KR-1
	Product Name	400 TWIN PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Product Identification (Certification Label on Window):

System		
7	Certification Agency	AAMA
	Manufacturer's Name or Code Name	KR-1
	Product Name	400/475 TRIPLE PW
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1-7	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:**Nail Fin Installation (Systems 1, 5)**

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

Nail Fin Installation (Systems 2-4)

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

Nail Fin Installation (System 6-7):

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing members using a nailing fin. The nailing fin is secured to the wall framing using minimum No. 8 screws. Locate the screws approximately 2" from each corner and 12" on center along the perimeter. In addition, two aluminum anchor clips (4-1/4" long and 1-1/4" wide) are secured to the common jamb screw boss at the head and sill. Secure the clips to the window frame and wall framing using No. 8 screws. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Frame Installation (System 6):

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using minimum No. 8 truss head screws. Locate the screws approximately 5" from each corner and 20-1/2" on center. In addition, two aluminum anchor clips (4-1/4" long and 1-1/4" wide) are secured to the common jamb screw boss at the

head and sill. Secure the clips to the window frame and wall framing using 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.