



# Product Evaluation

WIN1548 | 0615

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-1548 **Effective Date:** June 1, 2015  
**Re-evaluation Date:** July 2016

**Product Name:** Series V-600 / V-630 Vinyl Fixed and Operable Casement Windows, Single and Field Mullled, Non-impact Resistant

**Manufacturer:** WinDoor Incorporated  
7500 Amsterdam Drive  
Orlando, FL 32832  
(407) 481-8400  
[www.windowinc.com](http://www.windowinc.com)

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series V-630 Vinyl Fixed Casement Windows; O	F-HC80 72 x 78	+80 / -90 psf
2	Series V-630 Vinyl Fixed Casement Windows; OOO	F-HC80 221 x 78	+80 / -90 psf
3	Series V-600 Vinyl Operable Casement Windows; XXX	Individual: C-C80 37 x 78 Assembly: AAMA 450 117 x 78	+80 / -120 psf

### Component Dimensions:

System	Overall Window Size	Daylight Opening Size
1	72" x 78"	One (1): 65-5/8" x 71-3/4"
2	221-1/2" x 78"	Three (3): 65-5/8" x 71-3/4"
3	116-1/2" x 78"	Three (3): 30-5/8" x 71-5/8"

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

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 167-448
	Product Name	V-630 PVC Fixed
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 167-446
	Product Name	V-630 PVC Triple Fixed
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 167-435; CAR 167-426
	Product Name	CAR 167-243: V-600 PVC Casement Window CAR 167-426: V-600 PVC Triple Casement Mulled Assembly X/X/X
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 AAMA 450-06

**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 protection.

**Installation:**

**Design Drawings:** Install the windows in accordance with Drawing No. 08-01133, titled "Series V-600/V-630 PVC Single and Field Mulled Casement Window-Non-impact," sheets 1 through 11 of 11, dated November 9, 2010, signed and sealed by Luis R. Lomas., P.E on January 30, 2012. This evaluation report refers to the stated drawings as the approved drawings.

**Wall Framing Construction:** Mount the windows to several types of wall framing construction. The types of wall framing construction allowed include:

- Concrete (minimum compressive strength: 2,000 psi)
- Hollow concrete block; ASTM C-90, Grade N, Type 1 (or greater)
- Wood dimension lumber (minimum Spruce-Pine-Fir)
- Steel, 2x wood backed, (20 gauge, 33 ksi)

**Installation Details:**

- Refer to Sheets 1 of 11 through 3 of 11 of the approved drawings for the anchor layout and notes.
- Refer to Sheets 6 of 11 through and 9 of 11 of the approved drawings for installation details.
- 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.