



Product Evaluation

WIN1550 | 0415

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-1550

Effective Date: April 1, 2015

Re-evaluation Date: April 2016

Product Name: Series V-630 Vinyl Fixed Casement Windows, Single and Field Mullered, Small Missile Impact, Impact Resistant

Manufacturer: WinDoor Incorporated
7500 Amsterdam Drive
Orlando, FL 32832
(407) 481-8400

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series V-630 Vinyl Fixed Casement Window; O	F-HC80 72x78 Missile Level A	+80 / -130 psf
2	Series V-630 Vinyl Fixed Casement Window; OOO	F-HC80 221x78 Missile Level A	+80 / -90 psf

Product Dimensions:

System	Overall Size	Glass 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"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 167-437; CAR 167-251
	Product Name	V-630 PVC Impact Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-06, ASTM E 1996-05; Missile Level A
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 167-432; CAR 167-249
	Product Name	V-630 PVC Impact Triple Fixed Muller Assy OOO
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-06, ASTM E 1996-05; Missile Level A

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Only install the window assemblies 30' or higher above grade on the structure that does not exceed the assemblies' design pressure rating. An impact protective system is not required.

Installation:

System		
1, 2	Type of Installation	Install the windows in accordance with Drawing No. 08-01129, Rev A, titled "Series V-630 PVC Single and Field Muller Casement Window – SMI," sheets 1 through 8 of 8, dated November 8, 2010, signed and sealed by Luis R. Lomas, P.E. on January 31, 2012.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Note: Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.