



Product Evaluation

WIN1407 | 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-1407

Effective Date: April 1, 2015

Re-evaluation Date: July 2016

Product Name: Series V-600/V-630 Vinyl Casement Windows, Single and Integral Mulled, 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-600/V-630 Vinyl Single Casement Window; X	C-C80 37x78 Missile Level A	+80 / -130 psf
2	Series V-600/V-630 Vinyl Twin Casement Windows; XX	C-C70 73x64 Missile Level A	+70 / -70 psf
3	Series V-600/V-630 Vinyl Triple Casement Windows; XOX	C-C70 96x64 Missile Level A	+70 / -80 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Size
1	37" x 78"	35-1/2" x 76-1/2"	N/A
2	73-1/4" x 64"	35-1/2" x 62-1/2"	N/A
3	96" x 64"	22-3/4" x 62-1/2"	48" x 62-1/2"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 167-427; CAR 167-244
	Product Name	V-600 PVC Impact Casement 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 167-428; CAR 167-245
	Product Name	V-600 PVC Impact Twin Casement Window Assy XX
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-06, ASTM E 1996-05; Missile Level A
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 167-430; CAR 167-247
	Product Name	V-600 PVC Imp Triple Casement Comb Assy X/O/X
	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, 3	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. 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.

Acceptable Configurations: X, OX, XO, XX, XOX, OXO, XXO, OXX, and XXX. Configuration dimensions must not exceed the product dimensions shown in this evaluation report.

Installation:

System		
1, 2, 3	Type of Installation	Install the windows in accordance with Drawing No. 08-01127, titled "Series V-600/V-630 PVC Single and Integral Muller Casement Window – SMI," sheets 1 through 9 of 9, dated November 8, 2010, signed and sealed by Luis R. Lomas, P.E. on November 27, 2010.
	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.