



Product Evaluation

WIN1010 | 0916

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-1010

Effective Date: September 1, 2016

Re-evaluation Date: March 2017

Product Name: Series 200 PVC Fixed Windows, Impact Resistant

Manufacturer: Showcase Custom Vinyl Windows and Doors
1702 Cullen Blvd.
Houston, Texas 77023
Telephone: (713) 926-8500

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 200 PVC Fixed Window Vinyl Fixed Windows Fin-Mounted (O)	R-PG55 (72 X 84) Missile Level D (48 X 60)	+50 / -50 psf

Product Dimensions:

System	Overall Size	Daylight Opening Size
1	48" x 60"	43" x 55"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 839-314, CAR 839-607
	Product Name	200 Impact Fixed
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886-05/ASTM E 1996-05 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the assemblies' design pressure rating.

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1	Type of Installation	Fin
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	Minimum # 8 x 1-5/8" Philips Head Sheet Metal Screws
	Fastener Location/Spacing	Frame Fin: 5" from ends and on 18" centers on all four sides.
	Fastener Penetration	Minimum 1-1/2" into the wall framing

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.