

Product Evaluation

WIN2434 | 0223

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-2434

Effective Date: February 1, 2023

Re-evaluation Date: August 2024

Product Name: Series 650 Vinyl Double Hung Windows, Fin and Frame Installation, Non-Impact Resistant

Manufacturer: Custom Window Systems, Inc.
1900 SW 44th Ave.
Ocala, FL 34474
(352) 368-6922

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 650 Vinyl Double Hung Windows; X/X	LC-PG50 (53 x 76)-H	+50 / -50 psf
2	Series 650 Vinyl Oriel Double Hung Windows; X/X	LC-PG50 (53 x 76)-H	+50 / -50 psf

Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1	53-1/8" x 76"	48-15/16" x 35-15/16"	49-15/16" x 36-15/16"
2	53-1/8" x 76"	48-15/16" x 43-1/16"	49-15/16" x 29-13/16"

Product Identification (Certification Label on Window):

System			
1	Certification Agency	Keystone	
	Manufacturer's Name or Code Name	CAR# 138-1307	
	Product Name	650 PVC Fin/Flange Double Hung	
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08	
2	Certification Agency	Keystone	
	Manufacturer's Name or Code Name	CAR# 138-1378	
	Product Name	650 Vinyl Flange/Fin Oriel Double Hung	
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08	

Compliance: The products comply with AAMA/WDMA/CSA 101/I.S.2/A440-17 as referenced in the 2018 IRC and 2018 IBC.

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	No	These products have not been tested for windborne debris resistance. An impact protection system is required when installing this product in areas where windborne debris protection is required.

Installation:

System		
1-2	Type of Installation	Install in accordance with drawing No. TDI-936, dated December 17, 2015; revision C dated July 23, 2021. Signed and sealed by Lucas A. Turner, P.E. on August 5, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

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.