

## Product Evaluation

WIN2430 | 0720

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-2430**Effective Date:** July 1, 2020**Re-evaluation Date:** August 2022

**Product Name:** Series 8150 Vinyl Fixed Windows, Fin and Frame Installation, Non-Impact Resistant

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

**General Description:**

System	Description	Label Rating	Design Pressure Rating
1	Series 8150 Vinyl Fixed Windows	FW-R55 (50 x 72)	+55 / -55 psf
2	Series 8150 Vinyl Fixed Windows; Twin Mulled	FW-R65 (74 x 72)	+65 / -65 psf
3	Series 8150 Vinyl Fixed Windows	CW-PG40 (84 x 96)-FW	+40 / -40 psf

**Product Dimensions:**

System	Overall Size	Fixed Sash Daylight Opening Size
1	50" x 72"	50" x 72"
2	74-1/8" x 72"	74-1/8" x 72"
3	84" x 96"	84" x 96"

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

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR #138-493
	Product Name	PW-8150 PVC Flange Frame Fixed
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 138-495
	Product Name	PW-8150 PVC Fin/Flange Frame Fixed Combo Ass'y
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 138-1070
	Product Name	8150 Fin/Flange Vinyl Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

System	Impact Resistant	Requirement
1-3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System		
1-2	Type of Installation	Install in accordance with Custom Window Systems drawing No. TDI-506 and TDI-511, dated November 11, 2015. Revision C dated April 27, 2020. Signed and sealed by Lucas A. Turner, P.E. on May 15, 2020.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	
3	Type of Installation	Install in accordance with Custom Window Systems drawing No. TDI-234, dated November 11, 2015. Revision B dated April 27, 2020. Signed and sealed by Lucas A. Turner, P.E. on May 15, 2020.
	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.