

Product Evaluation

WIN2483 | 0820

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-2483

Effective Date: August 1, 2020

Re-evaluation Date: October 2023

Product Name: Series SI5100 Aluminum Fixed Windows, Non-Impact Resistant

Manufacturer: Solar Innovations, Inc.
31 Roberts Road
Pine Grove, PA 17963
(570) 915-1500

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series SI5100 Aluminum Fixed Windows (O//O/O)	CW-PG65 (120 x 120)-FW	+65 / -65 psf

Product Dimensions:

System	Overall Size	Fixed Sash Daylight Opening Size
1	120" x 120"	Left Lite: 116" x 57" Top/Bottom Right Lite: 57" x 57"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Solar Innovations
	Product Name	SI 5100 Aluminum Fixed Windows
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11

Impact Resistance:

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

Installation:

System		
1	Type of Installation	Install in accordance with Solar Innovations drawing No. 08-03448, dated June 18, 2019. Revision A dated February 26, 2020. Signed and sealed by Luis R. Lomas, P.E. on April 20, 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.