TDI | Texas Department of Insurance

PO Box 149104 | Austin, TX 78714 | 1-800-578-4677 | tdi.texas.gov

Product Evaluation

DR752 | 0221

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: DR-752

Effective Date: February 1, 2021
Re-evaluation Date: June 2022

Product Name: G-3 Lift & Slide Aluminum Sliding Glass Door, 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	G-3 Lift & Slide Aluminum Sliding Glass Door (OXXX)	CW-PG70 (245 x 116)-SD Missile Level D	+70 / -70 psf

Product Dimensions:

System	Overall Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	244-1/2" x 115-13/16"	63-3/4" x 114-3/8"	55-5/8" x 107-1/4"

Product Identification (Certification Label on Door):

System		
1	Certification agency	NAMI
	Manufacturer's name or code name	Solar Innovations, Inc.
	Product name	G3 Lift & Slide Aluminum Sliding Glass Door
	Test standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,11 ASTM E330-14 ASTM E1886-02/04/05/13a ASTM E1996-02/04/06/09/12a Missile Level D

Impact Resistance:

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

Installation:

System		
1	Type of installation	Install in accordance with Solar Innovations, Inc. drawing No. 08-02636, dated March 11, 2015. Revision A dated December 11, 2019. Signed and sealed by Luis R. Lomas, P.E. on June 19, 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.