

Product Evaluation

SK51 | 0522

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: SK-51**Effective Date:** May 1, 2022**Re-evaluation Date:** August 2024**Product Name:** Series FGC Aluminum Insulated Glass Skylight, Flange Mounted, Non-impact Resistant

Manufacturer: Sun-Tek Manufacturing, Inc.
10303 General Drive
Orlando, FL 32824
(407) 859-2117

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series FGC Aluminum Insulated Glass Skylight	SKG-PG60 55 x 55	± 60 psf

Product Dimensions:

System	Overall Size	Daylight Opening Size
1	55" x 55"	45-1/2" x 45-1/2"

Product Identification (Certification Agency Label on Skylight):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Sun-Tek Manufacturing, Inc.
	Product Name	FGC Insulated Glass Skylight
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08/11/17

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:

General: The assembly must be installed in accordance with the manufacturer's installation instructions and this product evaluation. Detailed drawings and installation instructions are available from the manufacturer.

Installation: The skylight is secured to a minimum nominal 1/2" thick plywood deck using the flange of the skylight frame. The flange is secured to the plywood deck with minimum No. 8 x 1" PPH screws. Locate the fasteners approximately 4" from each corner and 9-3/8" on center along the perimeter of the frame. Fasteners must be long enough to penetrate completely through the plywood deck.

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.