



# Product Evaluation

SK52 | 0517

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-52

**Effective Date:** May 1, 2017

**Re-evaluation Date:** March 2020

**Product Name:** IFGC 4949 Fixed Glass Classic Wood Flush Mount Skylight, 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	IFGC 4949 Fixed Glass Classic Wood Flush Mount Skylight	CW-PG60 55 x 55-SKG/RW Missile Level D	± 60 psf

### Product Dimensions:

System	Overall Size	Daylight Opening Size
1	55" x 55"	45-3/4" x 45-3/4"

### Product Identification (Certification Agency Label on Skylight):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Sun-Tek Manufacturing, Inc.
	Product Name	IFGC 4949 Flush Mount Wood Skylight
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886-05, ASTM E 1996-05/09 Missile Level D

**Impact Resistance:**

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

**Installation:**

The roof deck must be minimum 5/8" plywood. The assembly is secured to the plywood deck using the flange of the frame of the assembly with minimum No. 10 x 1" PPH screws. Locate the fasteners approximately 4" from each corner and 12" on center along the perimeter of the assembly. The fasteners must be long enough to penetrate a minimum of 1/4" below the underside of 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, the IBC, and the Texas Revisions.