



# Product Evaluation

SK53| 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-53

**Effective Date:** May 1, 2017

**Re-evaluation Date:** January 2020

**Product Name:** Series ICMG II 4949 Curb Mounted Aluminum Frame Glazed Skylights, Impact Resistant

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

### General Description:

System	Description	Label Rating	Design Pressure
1	Series ICMG II 4949 Curb Mounted Aluminum Frame Glazed Skylights	CW-PG60 51 x 51-SKG/RW Missile Level D	+60 / -60 psf

### Product Dimensions:

System	Frame Size	Daylight Opening Size
1	50-1/2" x 50-1/2"	45-3/4" x 45-3/4"

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

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Sun-Tek Manufacturing, Inc
	Product Name	ICMG II 4949 Aluminum Curb Mounted Skylight
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886-05; ASTM E 1996-09; 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:**

**General:** The skylight assembly must be prepared and installed in accordance with the manufacturer's recommended installation instructions and this evaluation report. Detailed installation instructions and component drawings are available from the manufacturer.

**Installation:** The skylights must be secured to a wood curb. The wood curb must be minimum 2x Southern Yellow Pine dimension lumber. The wood curb and the attachment of the wood curb to the roof framing must be designed to resist the design pressure of the skylight as specified in this evaluation report. The wood curb and the attachment of the wood curb to the structure must be designed by a TDI appointed engineer licensed to practice in the State of Texas.

The skylight must be secured to the wood curb with minimum No. 12 x 2" Philips pan head screws. The fasteners are driven horizontally through pre-punched holes in the bottom edge of the aluminum skylight frame into the wood curb. The fasteners must be spaced approximately 4" from each corner and approximately 15" on center along the perimeter of the skylight. The fasteners must be long enough to penetrate a minimum of 1-1/2" into the wood curb. PVC tape is applied between the wood curb and the skylight frame per the manufacturer's instructions.

**Note:** Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.