



# Product Evaluation

SK38 | 0815

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-38

**Effective Date:** August 1, 2015

**Re-evaluation Date:** December 2018

**Product Name:** Series CMGII Curb Mounted Aluminum Frame Glazed Skylights, Non-impact Resistant

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

The Series CMGII skylights are curb mounted fixed aluminum frame glazed skylights. The frame is manufactured from 6063 T-6 aluminum. Frame assembly is miter cut and TIG welded. The interior frame is made of cellular PVC material with an integral condensation gutter that weeps to the exterior. The glass is glazed with polyurethane compound to the aluminum frame and compressed between the aluminum and the PVC interior frame. The interior frame is held to the aluminum frame with self-drilling screws. PVC tape is attached to the bottom of the PVC interior frame for sealing to the curb at installation. The skylights are non-impact resistant. This evaluation report is for skylights based on the following tested configuration:

**General Description:**

System	Description	Label Rating	Design Pressure
1	Series CMGII Curb Mounted Aluminum Frame Glazed Skylights	SKP/RW-C60 66 x 102	+60 / -60 psf

**Product Dimensions:**

System	Component	Model 160 DS
1	Maximum Width	65-1/2"
	Maximum Height	101-1/2"

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

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	SUN-TEK
	Product Name	Series "CMG II" Aluminum Glazed Skylight
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
	Product Rating	SKG/RW-C60 1664 X 2578 (66 X 102)

**Impact Resistance:**

System	Impact Resistant	Requirement
1	No	These assemblies do not satisfy the Texas Department of Insurance's criteria for protection from windborne debris. These assemblies will need to be protected with an impact protective system when installed in areas where windborne debris protection is required.

**Installation:**

**General:** The skylight assembly shall 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 shall be secured to a wood curb. The wood curb shall be minimum 2x Southern Yellow Pine dimension lumber. The wood curb and the attachment of the wood curb to the roof framing shall 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 shall be designed by a TDI appointed engineer licensed to practice in the State of Texas.

The skylight shall be secured to the wood curb with minimum No. 10 x 2" 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 shall be spaced approximately 3" from each corner and approximately 7" on center along the perimeter of the skylight. The fasteners shall be long enough to penetrate a minimum of 1" 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.