



# Product Evaluation

SK56 | 0618

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-56

**Effective Date:** June 1, 2018

**Re-evaluation Date:** June 2022

**Product Name:** Model BCM (Curb Mount) Aluminum Skylights, Impact Resistant

**Manufacturer:** Maxim Industries, Inc.  
1630 Terre Colony Court  
Dallas, TX 75212  
(214) 905-2021

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Model BCM (Curb Mount) Aluminum Skylights	SKP-PG60 73 x73 Missile Level D	+60 / -60 psf

### Component Dimensions:

System	Overall Size	Daylight Opening Size
1	72-1/2" x 72-1/2"	70" x 70"

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

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Maxim Industries, Inc.
	Product Name	Maxim Impact BCM Aluminum Polycarbonate Curb Mount Skylight
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11; ASTM E 1886-13a; ASTM E 1996-12; Missile Level D

**Impact Resistance:**

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

**Installation:**

Mount skylights to a wood curb that is a minimum 2x Southern Yellow Pine dimension lumber. Use wood curb tall enough to maintain a minimum distance of 4" from the bottom of the aluminum frame to the top of the roof covering. Secure the wood curb to minimum 2x dimension lumber roof framing to resist the design pressures of the skylight as specified in this evaluation report. A licensed Texas engineer must design the attachment of the wood curb to roof framing.

A 6063-T5 extruded aluminum frame, AFCO Part #AF-4950, rests on top of the wood curb. The frame is secured to the wood curb with minimum No. 12 x 1-1/2" stainless steel fasteners. Locate the fasteners approximately 4" from each corner and 6" on center along the perimeter of the skylight. Secure the skylight to the aluminum frame using a 6063-T5 extruded aluminum angle, AFCO Part #AF-4230. The extruded aluminum angle is secured to the extruded aluminum frame with minimum No. 10 x 3/8" stainless steel screws. Locate the fasteners approximately 4" from each corner and 6" on center along the perimeter of the skylight. Use fasteners long enough to penetrate a minimum of 1-1/4" into the wood curb.

**Note:** The manufacturer's installation instructions must be available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.