

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION

SK-13

Effective Date: July 1, 2014

Reevaluation Date: **September 2017**

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.

Model DSF (Self Flashing) and Model DCM (Curb Mount) Aluminum Skylights, Impact Resistant, manufactured by

Maxim Industries, Inc.
1630 Terre Colony Court
Dallas, Texas 75212
Telephone: (214) 905-2021

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Model DSF (Self Flashing) Aluminum Skylights	CW-PG40 61 x 98 SKP/RW Missile Level D; DP=+40/-75	+40 / -75 psf
2	Model DCM (Curb Mount) Aluminum Skylights	CW-PG40 61 x 98 SKP/RW Missile Level D; DP=+40/-75	+40 / -75 psf

Product Dimensions:

System	Overall Size	Daylight Opening Size
1	61.38" x 97.50"	56.50" x 92.50"
2	61.38" x 97.50"	56.50" x 92.50"

Product Identification (Certification Agency Label on Window):

System	Certification Agency	NAMI
1-2	Manufacturer's Name or Code Name	Maxim Industries, Inc.
	Product Name	Unit Skylight Plastic Glazed Skylight Self Flashing or Curb Mounted
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-05; ASTM E 1996-05; Missile Level D

Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

System 1: The skylights shall be secured to minimum Spruce-Pine-Fir dimension lumber. The skylight shall be secured to the roof framing using the flashing of the skylight with minimum No. 12 hex head screws. The fasteners shall be located approximately 3 inches from each corner and spaced approximately 8 inches on center along the perimeter of the skylight. The fasteners shall be long enough to penetrate a minimum of 1-1/2 inches into the roof framing.

System 2: The skylights shall be mounted to a wood curb. The wood curb shall be minimum 2x Spruce-Pine-Fir dimension lumber. The wood curb and the attachment of the wood curb to the roof framing shall be designed to resist the design pressures 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 an engineer licensed to practice in the State of Texas.

The skylight shall be secured to the wood curb using the frame of the skylight with minimum No. 12 hex head screws. The fasteners shall be spaced approximately 3 inches from each corner and approximately 8 inches on center along the perimeter of the skylight. The fasteners shall be long enough to penetrate a minimum of 1-1/2 inches into the wood framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.