

Product Evaluation

SK37 | 0222

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-37

Effective Date: February 1, 2022

Re-evaluation Date: March 2025

Product Name: Series SFA Fixed Aluminum Polycarbonate Dome Skylight Skylights, Non-Impact

Manufacturer: Sun-Tek Skylights
10303 General Drive
Orlando, FL 32824
(407) 859-2117

General Description:

System	Description	Label Rating	Design Pressure Rating (psf)
1	Series SFA Fixed Aluminum Polycarbonate Dome Skylight Skylights	SKP/RW-R70 22x30 MST: 2'7"x3'3"	+70/-70
2	Series SFA Fixed Aluminum Polycarbonate Dome Skylight Skylights	SKP/RW-R70 30x46 MST: 3'3"x4'7"	+70/-70
3	Series SFA Fixed Aluminum Polycarbonate Dome Skylight Skylights	SKP/RW-C70 46x46 MST: 4'7"x4'7"	+70/-70

Product Dimensions:

System	Overall Frame Size
1	30-1/2" x 38-1/2"
2	38-1/2" x 54-1/2"
3	54-1/2" x 54-1/2"

Product Identification (Certification Label on Skylight):

System		
1	Certification Agency	NAMI
	Manufacturer’s Name or Code Name	Sun-Tek Manufacturing, Inc.
	Product Name	SFA2230 Fixed Aluminum Polycarbonate Dome Skylight
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
2-3	Certification Agency	NAMI
	Manufacturer’s Name or Code Name	Sun-Tek Manufacturing, Inc.
	Product Name	SFA Fixed Aluminum Polycarbonate Dome Skylight
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

System	Impact resistant	Requirement
1, 2, 3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

General: The assembly must be installed in accordance with the manufacturer’s installation instructions and this product evaluation. Detailed drawings and installation instructions are available from the manufacturer.

Installation:

System 1: The skylight is secured to a minimum nominal 7/16" thick wood structural panel deck (plywood or OSB). The skylight is secured to the roof deck using the self-flashing frame with minimum No. 8 x 1" long PPH screws. Along the top and sides, locate the fasteners approximately 5" from each corner and one at the mid span. Along the bottom, locate the fasteners approximately 5" from each corner. The fasteners must be long enough to penetrate a minimum of 1/4" below the underside of the roof deck.

Systems 2 and 3: The skylight is secured to a minimum nominal 7/16" thick wood structural panel deck (plywood or OSB). The skylight is secured to the roof deck using the self-flashing frame with minimum No. 8 x 1" long PPH screws. Along the top, locate the fasteners approximately 5" from each corner and one at the mid span. Along each side, locate the fasteners approximately 5" from each corner and 16" on center. Along the bottom, locate the fasteners approximately 5" from each corner. The fasteners must be long enough to penetrate a minimum of 1/4" below the underside of the roof deck.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.