

Product Evaluation

SK58 | 0121

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-58

Effective Date: January 1, 2021

Re-evaluation Date: April 2024

Product Name: Model HSE Aluminum Curb Mount Skylights, Non-Impact Resistant

Manufacturer: Solatube International, Inc.
2210 Oak Ridge Way
Vista, CA 92081-8341
(760) 597-4427

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Model HSE DS Curb Mount Operable Skylights	PG35 52 x 52 – Type SKG	+35 / -35 psf
2	Model HSE DS Curb Mount Fixed Skylights	PG75 52 x 52 – Type SKG	+75 / -75 psf

Product Dimensions:

System	Overall Size	Curb Size
1	51-1/2" x 51-1/2"	51-1/4" x 51-1/4"
2	51-1/2" x 51-1/2"	51-1/4" x 51-1/4"

Product Identification (Certification Label on Skylight):

System		
1	Certification Agency	Keystone
	Manufacturer’s Name or Code Name	CAR 110-126
	Product Name	Solatube HSE Curb Mount Operable Skylight
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
2	Certification Agency	Keystone
	Manufacturer’s Name or Code Name	CAR 110-125
	Product Name	Solatube HSE Curb Mount Fixed Skylight
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

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

Installation: Mount the tubular daylight device (TDD) to a wood curb. Use a minimum 2x Spruce-Pine-Fir dimension lumber wood curb. Design the wood curb and the attachment of the wood curb to the roof framing to resist the design pressures of the skylight assembly as specified in this evaluation report. Design of the wood curb and the attachment of the wood curb to the roof framing must be done by a Texas licensed engineer.

Secure the skylight assembly to the wood curb using the curb flashing with minimum No. 10 x 2" Phillips truss head screws. Locate the fasteners along each side of the assembly spaced approximately 12" from each corner and 27-3/4" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wood framing.

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.