



Product Evaluation

SK17 | 1216

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-17

Effective Date: December 1, 2016

Re-evaluation Date: November 2019

Product Name: Series STT 21" Self-Flashed, Sun-Tek Tube Skylights, Non-Impact Resistant

Manufacturer: Sun-Tek Skylights
10303 General Drive
Orlando, Florida 32824
(800) 334-5854

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|--|-------------------|------------------------|
| 1 | STT 21 Sun-Tek Tube Skylights 21" Tube Polycarbonate Dome | CW-PG80 28x28-TDD | +80/-80 PSF |

Product Dimensions:

| System | Dome Size | Dome Rise | Flashing Size |
|--------|-----------|-----------|-------------------|
| 1 | 21" | 9-3/8" | 27-3/4" x 27-3/4" |

Product Identification (Certification Agency Label on the Skylight):

| System | | |
|--------|----------------------------------|---------------------------------|
| 1 | Certification Agency | NAMI |
| | Manufacturer's Name or Code Name | Sun-Tek Manufacturing, Inc. |
| | Product Name | STT Tubular Skylight |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-08 |

Impact Resistance:

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

Acceptance of Smaller Assemblies: STT Skylights series with smaller diameter domes are acceptable within the limitations specified in this report.

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 Drawings: The skylight must be installed in accordance with following listed drawing. The listed drawing will be referred to as the approved drawing in this evaluation report:

| System | Installation Instructions |
|--------|--|
| 1 | Sun-Tek Tube Installation Instructions # 2032 titled "Self-Flashing Tube Skylight" Sheets 1-4, dated September 2009. |

Roof Requirements: The skylight must be installed on roofs with a minimum 2:12 roof slope and asphalt shingles. The roof deck must be minimum 7/16" OSB, solid sheathing.

Installation:

- Skylights are installed in accordance with the approved drawings.
- The approved drawings indicate the minimum embedment depths for the fasteners and the minimum edge distances (minimum distance fastener must be from the edge of the substrate material) for the fasteners.
- Fasteners must be minimum No. 8 x 1" PPH screw.

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