TDI Texas Department of Insurance

PO Box 149104 | Austin, TX 78714 | 1-800-578-4677 | tdi.texas.gov

Product Evaluation

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: RV-119

Effective Date: December 1, 2020
Re-evaluation Date: December 2024

Product Name: TS550PRO, TS550PRO-G Static Roof Vents

Distributor: SRS Distribution
7440 S. Hwy 121
McKinney, TX 75070
(469) 421-0616

General Description:

TS550PRO. The 550PRO is a pan-style, self-flashing, roof mounted attic exhaust vent. The vent has a weather-tight collar, clipped to the base flashing. The screen and the pan are securely held in place by the collar and cover the entire vent opening. The base and the pan are aluminum. The collar is molded from polypropylene plastic. The vent is 16-3/8" long, 15-5/16" wide, with an overall height of 3.6".

TS550PRO-G. The TS550PRO-G is a pan-style, self-flashing, roof mounted attic exhaust vent. The vent has a weather-tight collar, clipped to the base flashing. The screen and the pan are securely held in place by the collar and cover the entire vent opening. The base and the pan are galvanized steel. The collar is molded from polypropylene plastic. The vent is 16-3/8" long, 15-5/16" wide, with an overall height of 3.6".

Limitations:
Design Pressure:

Vent	Design Pressure
TS550PRO	-250 psf
TS550PRO-G	-225 psf

Installation:
General Installation Instructions: All requirements specified in the IRC and the IBC must be satisfied and manufacturer's installation instructions followed unless otherwise specified by this product evaluation.

Roof Deck: Minimum nominal thickness of 3/8" plywood or minimum nominal thickness of 7/16" OSB.

Attachment of Roof Vents to Roof Deck:
Secure the roof vents to the roof deck with minimum 1-1/8" long, galvanized, smooth shank roofing nails with a minimum 3/8" wide smooth head and a minimum 0.120" shank diameter. Seven (7) fasteners are required. Locate the fasteners approximately 1" from each corner and one (1) at the midpoint along three sides of the vent. The fasteners must be long enough to penetrate completely through 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 IBC.