

Product Evaluation

RV58 | 0919

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-58

Effective Date: September 1, 2019

Re-evaluation Date: September 2023

Product Name: Ross Series 65 Slant Back Roof Vent

Manufacturer: Ross Manufacturing, LLC
155 Spire Lane
New Braunfels, TX 78132
(830) 543-0175

General Description:

The Ross Series 65 slant back roof vent is made of high impact virgin polypropylene with heat stabilizers and UV inhibitors throughout the vent. The vent features four (4) side crickets that shed water around the throat of the vent. A high wind deflector is located at the throat bottom which prevents wind driven rain from entering the vent. Arrow locking mechanisms prevent cap blow offs. An illustration of the roof vent is provided within this evaluation report.

Limitations:

Design Pressure: ±150 psf

Roof Slope: The roof vent may be installed on roofs with a minimum slope of 3:12 and any slope up to a maximum slope of 16:12.

Installation:

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

Roof Deck: The roof deck must consist of wood structural panels (plywood or OSB) with a minimum nominal thickness of 7/16".

Installation: Install the roof vent within two (2) feet from the ridge of the roof. Remove the shingles and the underlayment from around the area where the roof vent is to be installed. Cut an 11" x 10" hole in the roof deck. Install the roof vent with the slant facing up (towards the roof ridge). The polypropylene flashing is secured to the wood structural panel roof deck with a total of eight (8) minimum 2" long x 0.120" shank diameter x 3/8" head diameter smooth shank galvanized roofing nails. One (1) fastener is required at each corner. One (1) fastener is required at the mid-point of each side. The fasteners must be long enough to penetrate the roof vent, the roof shingles, and completely through the roof deck.

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