

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION RV-46

Effective June 1, 2009

*The following product has been evaluated for compliance with the wind loads specified in **International Residential Code (IRC)** and the **International Building Code (IBC)**. This product shall be subject to reevaluation **December 2012**.*

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.

The **Edge Vent**, manufactured and distributed by

Air Vent, Inc.
4117 Pinnacle Point Drive
Suite 400
Dallas, Texas 75211
(214) 630-7377

is accepted for use in designated catastrophe zones along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

The Edge Vent is manufactured from rigid molded polypropylene. The Edge Vent measures 11.4" wide x 48" long. The vent provides 9 square inches net free area per linear foot. There are pre-formed nail holes on each side of the vent.

LIMITATIONS

Design Pressure: -305 psf

Roof Slope: The minimum roof slope for the system is 3:12.

INSTALLATION INSTRUCTIONS

General Installation Instructions:

All requirements specified in the International Residential Code (IRC) and the International Building Code (IBC) must be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation. The Edge Vent shall be installed in accordance with the manufacturer's recommended installation instructions with the following exceptions:

Deck: The shingle over ridge vent shall be installed onto a minimum $\frac{3}{8}$ " thick OSB deck.

Preparation: A $\frac{3}{4}$ " wide slot shall be cut 5" up from the drip edge in the roof deck. Slots shall terminate 6" from inside of end walls and 12" from hip ridges. For roofs with valleys, the slots shall terminate 6" from inside of end walls and 12" from the valleys.

Fasteners: The ridge vent shall be fastened along each edge to the roof deck with minimum $1\frac{1}{2}$ inch long, galvanized roofing nails (nominal shank diameter = 0.125 inches, head diameter = $\frac{3}{8}$ inches). Each four foot section of vent shall have a minimum of ten nails located in each pre-formed hole. The nails shall be spaced using the holes provided on the Edge Vent. The nails shall be of sufficient length to penetrate through the roof sheathing. Underlayment shall be applied over the Edge Vent. The starter course and first course of shingles are applied over the underlayment. Nails shall not be applied in the slot location.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC); the International Building Code (IBC); and the Texas Revisions.