

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION RV-7

Effective June 1, 2004
Revised July 1, 2006

*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 3 years after the effective date.*

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 **Shingle Over Ridge 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 Shingle Over Ridge Vent (models PRV-4, NPRV-4, PRV20 and PRV5) is manufactured from a polypropylene rubberized copolymer. The PRV20 is assembled in 20' rolls and the PRV5 is available in 5' sections. The PRV-4 and NPRV-4 ridge vents are molded in 4 foot long sections.

LIMITATIONS

Design Pressure: -83.2 psf

INSTALLATION INSTRUCTIONS

General Installation Requirements:

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 Shingle Over Ridge Vent shall be installed in accordance with the manufacturer's recommended installation instructions with the following exceptions:

Substrate: The product shall be installed on a composition shingle roof.

INSTALLATION INSTRUCTIONS (Continued)

Deck: The shingle over ridge vent shall be installed onto a minimum $\frac{7}{16}$ " thick wood substrate. The wood substrate shall be comprised of wood structural panels or planks or an equivalent wood substrate with a minimum specific gravity of 0.50 (minimum Douglas Fir lumber or better).

Preparation: For roofs with a pitch less than 2:12, a cant strip shall be installed on either side of the ridge opening. Apply a bead of silicone caulking or roof cement to the underside of the outer baffle, at the exposed end, and at vent connections.

Fasteners: The ridge vent shall be fastened along each edge to the roof deck with minimum $1\frac{3}{4}$ inch long, galvanized roofing nails (nominal shank diameter = 0.120 inches, head diameter = $\frac{3}{8}$ inches). The nails shall be spaced using the holes provided on the ridge vent. The nails shall be of sufficient length to penetrate through the roof sheathing. Cap shingles shall be installed directly to the vent using minimum $1\frac{3}{4}$ inch long, galvanized roofing nails spaced approximately 6 inches on center along each edge of the shingle. The nails shall be of sufficient length to penetrate the roof sheathing.

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) and the International Building Code (IBC).