

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION RV-60

Effective September 1, 2010

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 2013.

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.

Hip Ridge™ Vent Shingle Over Hip Vents, manufactured and distributed by

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are 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 Hip Ridge Vent is a shingle over ridge vent for diagonal hips. The vents are manufactured from a rigid polypropylene material. The Hip Ridge Vent is 4 ft long and 13 1/8" wide. The vent incorporates molded end plugs, a weather filter, and two extruded sealing gaskets that are fastened to the underside of the vent. The vent provides a net free area of 12 square inches per linear foot.

LIMITATIONS

Design Pressure: -320 psf

Roof Slope: The shingle over ridge vents may be installed in roofs with slopes from 3:12 to 16:12.

INSTALLATION INSTRUCTIONS

General: All requirements specified in the International Residential Code (IRC) and the International Building Code (IBC) shall be satisfied. The manufacturer's installation instructions shall be followed unless otherwise specified by this product evaluation.

Roof Deck: The shingle over ridge vent shall be secured to a solidly sheathed roof deck. The roof deck shall be minimum nominal 15/32" thick plywood wood structural panels.

Preparation: On a new roof, cut slots in the roof deck at locations as specified by the product manufacturer. The slots shall be a maximum of 3" wide for rafter roof framing and a maximum of 1 ½" wide for roof trusses. On existing roofs, first remove the cap shingles from the hips. Follow the opening width requirements for new roofs. Follow the product manufacturer's installation instructions for preparing the Hip Ridge Vent installation.

Installation: The Hip Ridge Vent shall be fastened along each edge of the vent to the roof deck with minimum 2" long, 11 gauge, galvanized smooth shank roofing nails. The nails shall be spaced using the pre-formed holes provided on the Hip Ridge Vent. One fastener is required in each of the pre-formed holes. The fasteners shall be of sufficient length to penetrate into and through the roof deck. Cap shingles shall be installed directly over the Hip Ridge Vent using minimum 2" long, 11 gauge, galvanized smooth shank roofing nails spaced approximately 8 inches on center along each edge of the cap shingle. Two (2) fasteners are required per cap shingle. The nails shall be of sufficient length to penetrate into and through the roof deck.

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.