

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

RV-35

Effective October 1, 2013
Revised November 1, 2013

*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 shall be subject to reevaluation **October 2017**.*

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

O'Hagin's Standard, WeatherMaster and Fire and Ice Tapered Low-Profile Composition Vent manufactured by

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will be 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

O'Hagin's Standard, WeatherMaster and Fire and Ice tapered low profile composition vent is a static air vent used in vented attic spaces in residential construction. The vent is 32 inches wide, 23 inches long and $2\frac{3}{8}$ inches high in the front, tapering to blend in with the roof decking at the top. The vent is constructed of 26 gauge, G-90 galvanized or pre-painted steel.

LIMITATIONS

Design Wind Pressure: -70 psf

For All Applications: Roof slopes shall be installed on roofs with a minimum slope of 3:12.

INSTALLATION INSTRUCTIONS

General Installation Requirements:

All requirements in either the International Residential Code or the International Building Code must be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation. The ridge vent is intended for application on structures using asphalt shingle roof coverings.

Roof Deck: The roof deck shall consist of plywood with a minimum thickness of $\frac{5}{8}$ inch.

Attachment to Deck: An 11 inch by 11 inch hole shall be cut in the roof deck where the vent is to be placed approximately 18" from the ridge. The vents shall be evenly spaced on the rear slope of the roof for exhaust, and/or up from the eave for intake to allow a minimum of 12 inches clearance between the bottom side of the vent and the top of the insulation at the attic floor. The base vent shall be set in a $\frac{1}{4}$ " thick by 3" wide bed of asphalt roofing cement. The base vent shall be secured to the roof deck with $1\frac{3}{8}$ " long galvanized ring shank roofing nails (0.132" shank diameter, $\frac{3}{8}$ " head diameter) spaced 4" o.c. and located 1" from the outside edge of the flange using a minimum of 18 nails per vent. After the vent is secured to the deck, the asphalt shingles may be applied around the vent. Shingles shall be cut back 1 inch on top and sides of vent to allow proper drainage.

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.