

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION RV-21

Effective June 1, 2004
Revised October 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.

“Trimline™ Shingle Over Ridge Vent and Ridge Roll”, also sold under the private label **Owens Corning “VentSure® Ridgevent and Ridge Roll”**, manufactured by

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will be acceptable for use in designated catastrophe zones along the Texas Gulf Coast when installed in accordance to manufacturer’s installation instructions and this product evaluation.

PRODUCT DESCRIPTION

Trimline™ Shingle Over Ridge Vents are multilayered corrugated polyethylene roof ridge vents mounted over a precut slot. The ridge vents are available in $\frac{5}{8}$ inch thick by 7, 8, 9 and 11 $\frac{1}{4}$ inches wide by 4, 8, 20, 50 and 200-foot long sizes. The ridge vent incorporates a groove in the center of the top cap for the full length of the vent. A black polyethylene foam and cap is provided to seal the outside ends of the vents. The vent shall be installed with the 0.020-inch thick aluminum wind deflector. The mill finished aluminum wind deflector conforms to the Aluminum Association designation AA 5052-H32.

Trimline™ Plus and Rigid Roll Plus; also sold as **VentSure® with Weather Protector™ and Rigid Roll with Weather Protector™**, are multilayered corrugated high-density polyethylene roof ridge vents with a bonded StormStop membrane. The unit is mounted over a precut slot. The ridge vents are $\frac{5}{8}$ inch thick by 7, 9, and 11 $\frac{1}{4}$ inches wide by 48”, 96”, 240”, and 600” long. The ridge vent incorporates a groove in the center of the top cap for the full length of the vent. The StormStop membrane is a non-absorbent polypropylene material. A black polyethylene foam end cap is provided to seal the ends of the vent

LIMITATIONS

Trimline™ Shingle Over Ridge Vents, VentSure® Ridgevent

Design Wind Pressure: -55 psf

Deck: The roof deck shall consist of wood structural panels with a minimum thickness of $\frac{15}{32}$ inch.

For All Applications: Do not install the product on roof slopes less than 3:12.

LIMITATIONS (Continued)

Trimline™ Plus and Rigid Roll Plus, Owens Corning “VentSure® with Weather Protector™ and Rigid Roll with Weather Protector™

Design Wind Pressure: -100 psf

Deck: The roof deck shall consist of wood structural panels with a minimum thickness of $\frac{7}{16}$ inch.

For All Applications: Do not install the product on roof slopes less than 2:12.

INSTALLATION INSTRUCTIONS

General Installation Requirements:

All fasteners shall be corrosion resistant as specified in the IRC and the IBC. All IRC/IBC requirements must be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

Installation Requirements:

Trimline Ridge Vents shall be installed with the 0.020-inch thick aluminum wind deflector. The deflector shall be attached with the same fasteners as the vent.

Trimline™ Ridge Vent Plus with StormStop (VentSure® with Weather Protector™) is not required to incorporate the aluminum wind deflector.

Deck:

The roof deck shall consist of wood structural panels with a minimum thickness of $\frac{7}{16}$ inch.

Fastening Requirements for Trimline™ Shingle Over Ridge Vents:

The fasteners attaching the shingles to the vent shall be 2 inch long galvanized steel roofing nails with a 0.125-inch shank diameter and a 0.385-inch diameter by 0.020-inch thick head. Two nails shall be used per shingle at 5 $\frac{1}{2}$ " on center spacing, thereby providing four nails per foot at each side of the vent. The vent shall be attached with the aforementioned nails located 1 inch from each end and at a spacing of 15 inches on center along each side.

Fastening Requirements for Trimline™ Plus and Rigid Roll Plus or VentSure® with Weather Protector and Rigid Roll with Weather Protector:

The fasteners attaching the vent to the substrate shall be 2 $\frac{1}{2}$ -inch long galvanized steel roofing nails with a 0.125-inch shank diameter and a 0.368-inch diameter head. One nail shall be provided no further than one (1) inch from each edge at the corner. Nails shall penetrate through the asphalt shingles and the ridgevent and must have a minimum $\frac{1}{2}$ " penetration into roof deck. Shingles shall be attached to the ridge vent at a maximum spacing of 5" o.c. on both sides with a minimum of four (4) nails per shingle (two nails for each side of the ridge).

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