

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION RV-26

Effective June 1, 2005
Revised July 1, 2006

*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 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.

Roof Ventilators manufactured by:

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

but sold under the names "**Leigh**" and "**Owens Corning Ventsure**" are acceptable 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 **Leigh Model No. 762 BK** that will also be sold as **Owens Corning Ventsure** is a rigid strip shingle over vent which incorporates an exterior baffle construction. The ridge vent conforms to the rooflines on each side of the ridge opening and integrates a connector to attach additional pieces of the same vent to the end.

General Requirements:

Roofing Nails:

Shank Diameter: The shank diameter of roofing nails shall be a minimum of 0.120 inch.

Specifications: Roofing nails shall comply with the specifications of FF-N-105B (Type II, Style 20) or ASTM F 1667.

Wood Screws:

Shank Diameter: The shank diameter of wood screws shall be a minimum of 0.138 inch.

Specifications: Wood screws shall conform to ANSI/ASME Standard B18.6-1981.

Limitations:

Design Wind Pressure: -72 psf

PRODUCT DESCRIPTION (Continued)

For All Applications: The roof ventilators specified in this evaluation shall be installed on roofs with a minimum slope of 3:12 and a maximum roof slope of 12:12.

INSTALLATION INSTRUCTIONS

General Installation Instructions:

The manufacturer's installation instructions and this product evaluation must be followed.

Attachment of Vent: (Using Wood Screws)

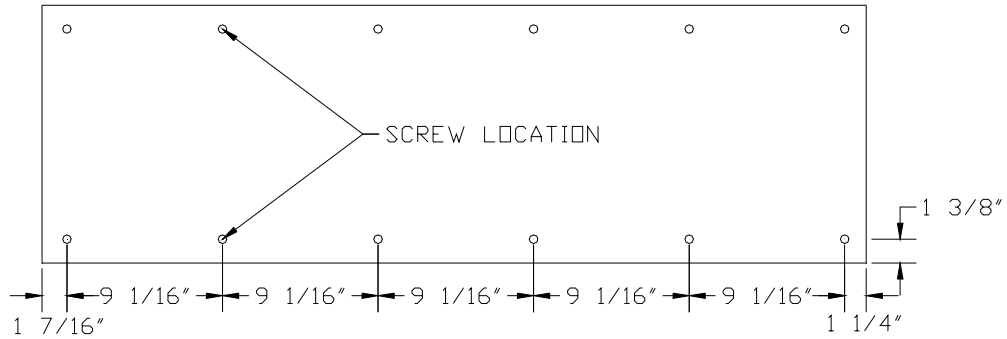
Roof Deck: The roof deck shall consist of wood structural panels with a minimum thickness of $\frac{7}{16}$ inch or solid wood planks, minimum Spruce Pine Fir (SPF), with a minimum nominal thickness of 1 inch.

- Screw vent in place using the pre-molded fastener locations indicated on the vent.
- Wood screws shall be of adequate length to penetrate $\frac{3}{4}$ inch into or through the roof sheathing. Maximum spacing shall be $9\frac{1}{16}$ inches with one screw located at each corner.
- The number and location of fasteners shall be as indicated on the drawing included in this evaluation.

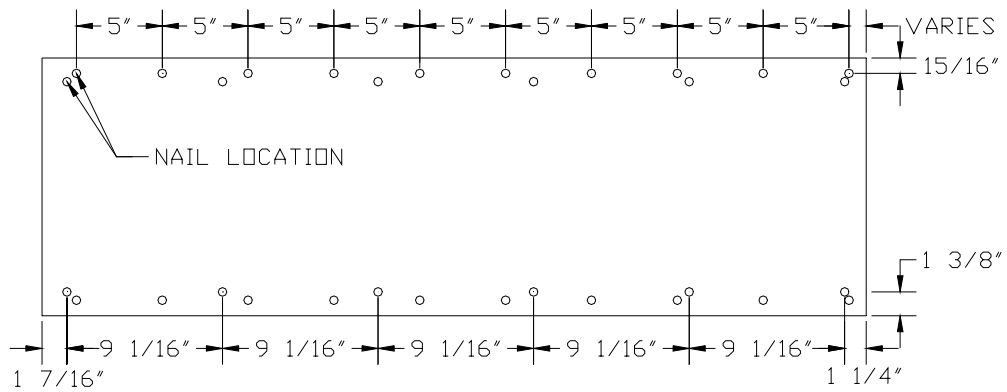
Attachment of Vent: (Using Roofing Nails)

Roof Deck: When using roofing nails to install the vent, the deck shall consist of minimum $\frac{1}{2}$ inch thick plywood sheathing.

- Attach vent at pre-molded fastener locations starting at end of vent using 2-inch minimum corrosion resistant roofing nails. This shall consist of a total of 12 roofing nails.
- Install cap shingles with 2-inch minimum corrosion resistant roofing nails using the nail line indicated on the vent. Roofing nails must penetrate through the cap shingles and ridge vent into deck. Overlap end $\frac{1}{2}$ inch with roofing. This shall consist of a total of 20 roofing nails. Caulk ends of vent.
- Roofing nails shall be minimum standard 2 inches long by $\frac{7}{16}$ inch head galvanized steel roofing nails with a shank diameter of 0.120 inch. Maximum spacing shall be 5 inches with one nail located at each corner.
- The number and location of nails shall be as indicated on the drawing included in this evaluation.



MILCOR "LEIGH" 762BK AND OWENS CORNING VENTSURE
(INSTALLATION WITH SCREWS-12 SCREWS REQUIRED)



MILCOR "LEIGH" 762BK AND OWENS CORNING VENTSURE
(INSTALLATION WITH NAILS-32 NAILS REQUIRED)

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).