

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION RV-16

Effective April 28, 1998  
Revised May 1, 2000

*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.*

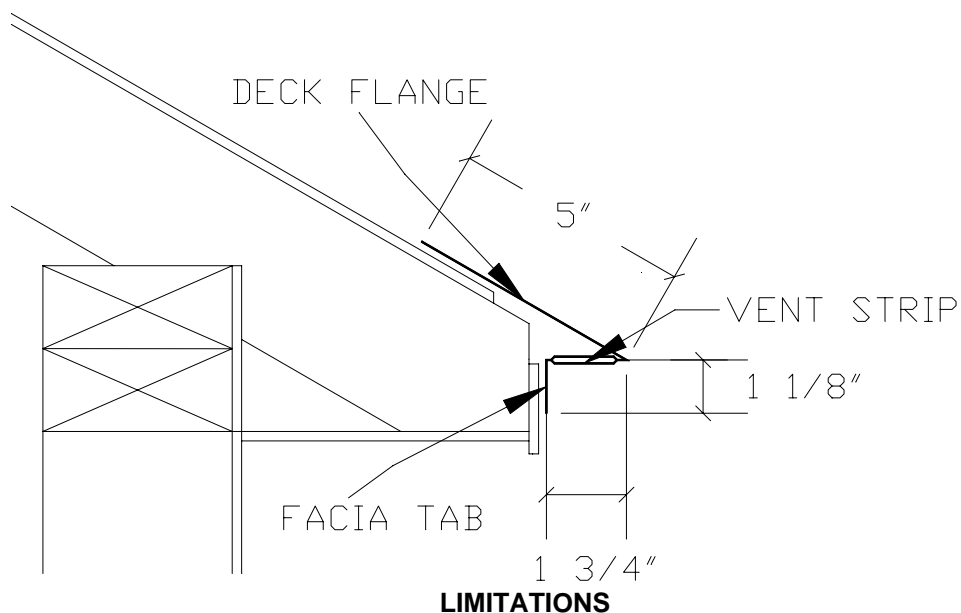
**Ventec Starter Vent (VSV)**, an eave vent, manufactured by:

**VENTEC**  
**1723 Wagon Gap Trail**  
**Houston, Texas 77090**

will be accepted for use in areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

### PRODUCT DESCRIPTION

Ventec Starter Vent eave vent is manufactured from 0.025 inch thick, 3003 aluminum alloy. The vent is sold in 10 foot lengths with the cross sectional dimensions indicated in the drawing.



**Inland II:** Do not install this product on buildings with a mean roof height greater than 50 feet.

**Inland I:** Do not install this product on buildings with a mean roof height greater than 33 feet.

**Seaward:** Do not install this product on buildings with a mean roof height greater than 33 feet.

### INSTALLATION INSTRUCTIONS

**General Installation Instructions:**

The fascia tab is secured to each rafter end through the fascia board with one (1) 1 ½ inch (0.120 inch diameter shank, ⅜ inch diameter head) galvanized roofing nail.

The deck flange is secured to each rafter through the roof sheathing with 1 ½ inch (0.120 inch diameter shank, ⅜ inch diameter head) galvanized roofing nail(s). The maximum allowable rafter spacing is 2'-0" (24 inches) on center for all installations. The number of nails required are as indicated the tables shown below.

**Installation of Vent:**

Nail the fascia tab to each rafter end through the fascia board using nails specified.

Nail deck flange to each rafter through the roof sheathing along the length of the roof using nails specified.

The Ventec Starter Vent (VSV) is designed to be butt jointed, factory edge to factory edge.

Do not overlap. Cut to length with tin snips, butting field cut ends to rake board.

Install felt paper overlapping Ventec Starter Vent (VSV) by 2 inches.

Run a bead of adhesive (Ventec recommends Geocel) on the VSV between the felt paper and the outer edge of the VSV to secure the first row of shingles.

Install the first row of shingles overlapping the outer edge of the VSV by ½ inch.

**Design Pressure (Perimeter):** -70 psf

**Ventec Starter Vent Flange to Roof Sheathing Fastening Requirements**

<b>Inland II Zone</b>							
Species	Mean Roof Ht.	Roof Slope					
		≤ 7:12			> 7:12		
		12" oc	16" oc	24" oc	12" oc	16" oc	24" oc
Southern Pine	≤ 50'	1	1	1	1	1	1
Douglas Fir	≤ 50'	1	1	1	1	1	1
Hem Fir	≤ 30'	1	1	1	1	1	1
	≤ 50'	1	1	2	1	1	2
Spruce Pine Fir	≤ 30'	1	1	2	1	1	2
	≤ 50'	1	2	2	1	2	2

**Design Pressure (Zone 2&3): -93 psf**

**Ventec Starter Vent Flange to Roof Sheathing Fastening Requirements**

Inland I Zone							
Species	Mean Roof Ht.	Roof Slope					
		≤ 7:12			> 7:12		
		12" oc	16" oc	24" oc	12" oc	16" oc	24" oc
Southern Pine	≤ 33'	1	1	1	1	1	1
Douglas Fir	≤ 27'	1	1	1	1	1	1
	≤ 33'	1	1	2	1	1	1
Hem Fir	≤ 33	1	1	2	1	1	1
Spruce Pine Fir	≤ 33	2	2	3	1	1	2

**Design Pressure (Zone 2&3): -103 psf**

**Ventec Starter Vent Deck Flange to Roof Sheathing Fastening Requirements**

Seaward Zone							
Species	Mean Roof Ht.	Roof Slope					
		≤ 7:12			> 7:12		
		12" oc	16" oc	24" oc	12" oc	16" oc	24" oc
Southern Pine	≤ 33	1	1	1	1	1	1
Douglas Fir	≤ 33	1	1	2	1	1	1
Hem Fir	≤ 27'	1	1	2	1	1	1
	≤ 33'	1	2	2	1	1	1
Spruce Pine Fir	≤ 33	2	2	3	1	1	2

Note: The manufacturer's installation instructions shall be available on the job site during installation. Fasteners shall be corrosion resistant as specified in the Texas Department of Insurance Windstorm Resistant Construction Guide or the Texas Windstorm Insurance Association Building Code for Windstorm Resistant Construction.