

## Product Evaluation

RV03 | 0919

Engineering Services Program

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 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.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

**Evaluation ID:** RV-03

**Effective Date:** September 1, 2019

**Re-evaluation Date:** September 2023

**Product Name:** OmniRidge OR4, OR4-S, OR4-N, and OR4-SWN Shingle Over Ridge Vents

**Manufacturer:** Lomanco, Inc.  
2101 West Main Street  
Jacksonville, AR 72076  
(800) 643-5596

### General Description:

The OmniRidge OR4, OR4-S, OR4-N, and OR4-SWN shingle over ridge vents are plastic exhaust vents that are installed along the ridge of the roof. The shingle over ridge vent has internal aerodynamic curved baffles and perpendicular omni baffles. Each shingle over ridge vent section has the following dimensions:

Length: 48-5/16"

Width: 15-5/16"

Overall Height: 1"

This evaluation report includes the following models:

**OmniRidge OR4**

**OmniRidge OR4-S**; ridge vent with a fiberglass screen for enhanced weather protection

**OmniRidge OR4-N**; ridge vent packaged with 2-1/2" ring shank nails

**OmniRidge OR4-SWN**; ridge vent with enhanced weather protection and packaged with 2-1/2" ring shank nails

**Limitations:**

**Design Pressure:** -150 psf

**Roof Slope:** This product must be installed on roofs with a minimum roof slope of 2:12 and a maximum roof slope of 16:12.

**Installation:**

**General:** All requirements specified in the IRC and the IBC must be satisfied and the manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

**Roof Deck:** The roof deck must consist of either minimum 11/32" plywood, minimum 7/16" OSB, or solid wood planks, minimum Douglas Fir-Larch, with a minimum nominal thickness of 1".

**Attachment of Shingle Over Ridge Vent and Cap Shingles:**

**Shingle Over Ridge Vent:** Each shingle over ridge vent is secured to the roof deck using minimum 2-1/2" long galvanized ring shank nails, with a minimum shank diameter of 0.120" and a minimum head diameter of 3/8". The fasteners are installed in the ten (10) nailing holes provided in the shingle over ridge vent. Five (5) fasteners are to be used on each side of the vent.

**Cap Shingles:** Cap shingles are to be secured to the roof deck using the same roofing nails specified for the shingle over ridge vent. The fasteners must be spaced a maximum of 6" on center along each side of the cap shingle. A nail line is provided along the shingle over ridge vent to assist with properly aligning the fasteners. The fasteners must penetrate through the shingle over ridge vent and into the roof deck.

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.