

Product Evaluation

RV13 | 0620

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-13

Effective Date: June 1, 2020

Re-evaluation Date: June 2024

Product Name: The Lomanco Lo-Profile Ridge (LPR) Vent and the VAL-U-RIDGE (VUR) Vent

Manufacturer: Lomanco, Inc.
2101 West Main Street
Jacksonville, AR 72076
(501) 982-6511

General Description:

Lomanco LPR Vent comes in 8 and 10 ft lengths, formed, nominal 0.028" thick, embossed aluminum sheet metal, ridge vent incorporating high density polyethylene end plugs, and aluminum "hurricane straps".

Lomanco VUR Vent comes in 10 ft length, formed, nominal 0.025" thick, embossed aluminum sheet metal, ridge vent incorporating high density polyethylene end plugs, and aluminum "hurricane straps".

Limitations:

Design Pressures:

Ventilator Model	Design Pressure (psf)
LPR	-195
VUR	-150

Roof Slopes: These products are not intended for use on multi-pitch roofs. LPR Vent will adjust from a 3:12 to a 12:12 pitch roof. VUR Vent will adjust from a 3:12 to an 8:12 pitch roof.

Installation:

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

Roof Deck: The roof deck must consist of wood structural panels (plywood or OSB) with a minimum thickness of 15/32".

Installation of LPR Vent: The LPR Vent must be installed in accordance with the manufacturer's installation instructions with the following exceptions:

Preparation: Provide a compressed 2" thick high-density polyethylene end plug at both ends of the vent and at the male/female assembly joints.

Anchorage: Fasteners must be minimum 1-1/4" long, 0.120" diameter smooth shank, roofing nails with 3/8" diameter head spaced 12" on center and the bottom flanges are sealed with caulk. Fasteners must be long enough to penetrate completely through the roof deck.

Sealant: The top of the male/female assembly joint end plug must be sealed to the underside of the vents. The vent flanges must also be bedded with sealant to the roofing materials. Use roof sealant.

Installation of VUR Vent: The VUR Vent must be installed in accordance with the manufacturer's installation instructions with the following exceptions:

Anchorage: Fasteners must be minimum 1-1/4" long, 0.120" diameter smooth shank, roofing nails with 3/8" diameter head spaced 12" on center and the bottom flanges are sealed with caulk. Fasteners must be long enough to penetrate completely through 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 and IBC.