

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION

Effective Date: May 1, 2013

RV-13

*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 **October 2016**.*

*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.*

The **Lomanco LPR Lo-Profile Ridge Vent and the VAL-U-RIDGE Vent** manufactured by

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

will be acceptable for use 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

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

VAL-U-RIDGE Vent Lomanco Economy Ridge Vent comes in 10 foot lengths, formed, nominal 0.025 inch 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
VAL-U-RIDGE	-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. VAL-U-RIDGE Vent will adjust to from a 3:12 to an 8:12 pitch roof.

## INSTALLATION INSTRUCTIONS

**General Installation Instructions:** All requirements specified in the International Residential Code (IRC) and the International Building Code (IBC) shall be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

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

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

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

**Anchorage:** Fasteners shall be  $1\frac{1}{4}$  inch long, 0.125 inch diameter shank, roofing nails with  $\frac{3}{8}$  inch diameter head spaced 12 inches on center and the bottom flanges are sealed with caulk.

**Sealant:** The top of the male/female assembly joint end plug shall be sealed to the underside of the vents. The vent flanges shall also be bedded with sealant to the roofing materials. Use DAP Black-Tite Asphalt Based Roof Sealant.

**Installation of VAL-U-RIDGE Vent:** The VAL-U-RIDGE Vent shall be installed in accordance with the manufacturer's installation instructions with the following exceptions:

**Anchorage:** Fasteners shall be  $1\frac{1}{4}$  inch long, 0.125 inch diameter shank, roofing nails with  $\frac{3}{8}$  inch diameter head spaced 12 inches on center and the bottom flanges are sealed with caulk.

**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).