

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION RV-13

Effective June 1, 2005

*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.

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

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

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

For All Applications: 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 a 8:12 pitch roof.

LPR Vent

Design Wind Pressure: -55 psf

VAL-U-RIDGE

Design Wind Pressure: -82.5 psf

General Installation Requirements:

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

LPR Vent

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

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

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, helically deformed aluminum roofing nails with 0.355 inch diameter head spaced 12 inches on center and 6 inches from each end. Embossed aluminum "**hurricane straps**" shall be installed over the top of the vent. The straps shall be $3\frac{1}{2}$ inches wide and 0.028 inch thick and located over each end of the ridge vent, at all male/female connections, and at three foot intervals over the remainder of the vent. Nail down hurricane straps using two $1\frac{1}{4}$ inch broad-headed roofing nails at each end. The aluminum hurricane straps at the male/female joints must be bedded in the sealant to the top and gutter portions of each vent with the gutter bedding seal joining with the other field applied seals.

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.

VAL-U-RIDGE Vent

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

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

Anchorage: Fasteners shall be $1\frac{1}{4}$ inch long, 0.125 inch diameter shank, helically threaded aluminum roofing type with a 0.015 inch thick by 0.380 inch diameter head spaced about 12 inches on center and 4 inches from each end. Embossed aluminum "**VUR hurricane straps**" shall be installed over the top of the vent. The straps shall be $2\frac{1}{2}$ inches wide and 0.028 inch thick and located at each end of the ridge vent, all male/female connections and at three foot intervals over the remainder of the vent. The straps shall be attached to the roof at both vent flanges with two of the above described nails.

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).