

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION

Effective May 1, 2014

RV-83

*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 **July 2017**.*

*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.*

**Ross Series 150CM Roof Vent** manufactured by:

**Ross Manufacturing, LLC**  
155 Spire Lane  
New Braunfels, Texas 78132  
(830) 643-0175

will be acceptable in designated catastrophe zones along the Texas Gulf Coast when installed in accordance to manufacturer's installation instructions and this product evaluation.

## PRODUCT DESCRIPTION

Ross Series 150 curb mounted roof vent is made of polypropylene with heat stabilizers and UV inhibitors throughout the vent. The roof vent measures 26 inches by 26 inches by 10 ½ inches high.

## LIMITATIONS

**Design Pressure:** ±112.5 psf

**For all applications:** The roof vent may be installed on roofs with a flat slope and any slope up to a maximum slope of 16:12.

## INSTALLATION INSTRUCTIONS

### **General Installation Instructions:**

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.

**Roof curb:** The roof curb shall consist of a minimum of 2 x 6 Southern Yellow Pine dimension lumber .

## INSTALLATION INSTRUCTIONS

**Attachment of Vent:** The polypropylene flashing is secured to the roof curb with  $1\frac{1}{4}$ " long x 0.120 diameter x  $\frac{3}{8}$ " head ring shank roofing nails. There are eight nails on the top of vent, one in each corner of the flashing and one located at midspan on each side of the vent. On the sides, there are 12 nails, three per side, one located on each side of the corners and one at midspan on each side.

**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), the International Building Code (IBC), and the Texas Revisions.