

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION RV-44

Effective April 1, 2008

*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.*

**DuraFlo WeatherPro Shingle Over Ridge Vent**, as manufactured by

**Canplas Industries LTD.**  
**500 Veterans Drive**  
**Barrie, Ontario, Canada L4M 4V3**  
**(800) 461-1771**

will be accepted for use in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

## PRODUCT DESCRIPTION

The Duraflo shingle over ridge vent is constructed of a rigid plastic material. The vent has integral wind deflectors on both sides that measure 1" high. Each ridge vent section measures 48" long by 16" wide by  $\frac{7}{8}$  inch high.

## LIMITATIONS

**Design Wind Pressure:** -250 psf

**For All Applications:** The minimum roof slope for the venting system is 3:12, the maximum roof slope is 14:12.

## INSTALLATION INSTRUCTIONS

### 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.

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

**Cutting Ridge Slots:** Begin by removing the existing cap shingles (this should not be necessary on new construction). Determine the location of the cuts in the roof sheathing and snap a chalk line. The roof vent is installed over a 2 inch wide opening (1 inch on each side of the peak). The saw should be adjusted so that the rafters or trusses are not cut.

### **INSTALLATION INSTRUCTIONS (cont.)**

**Note:** The roof decking must be re-nailed to the rafter at the edge closest to the ridge to compensate for the nails removed when the ridge slot was cut.

**Ridge Vent Application:** The ridge vent is fastened to the roof deck using a minimum of eight (8) 2" long x 0.125" shank x 0.255" head galvanized smooth shank roofing nails in each pre-drilled hole per 48" long section of the ridge vent. Asphalt cap shingles are attached over the vent with 2" long x 0.125" shank x 0.375" head galvanized roofing nails. Each shingle is attached through the vent with two nails per shingle. The shingle to shingle nail spacing is 5" o.c.

**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).