

TEXAS DEPARTMENT OF INSURANCE

Engineering Services / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION RV-15

Effective November 1, 2006

*The following product has been evaluated to withstand 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.

Elk Vented RidgeCrest and Elk Highpoint Premier 9 and 12 ridge vent roof vent system, as manufactured by

**Vented RidgeCrest
ElkCorp of Texas
6200 Zerker Road
Shafter, CA 93263
(661) 391-3900**

**Highpoint Premier 9 and 12
Danse Corporation
1201 E. Whitcomb
Madison Heights, MI 48701
(248) 583-1007**

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

Elk Highpoint™ Premier ridge vents are 48 inches long by 15 ¼ inches wide or 12 ¼ inches wide, high density polypropylene, black in color, "shingle over" ridge vents for use on wood roof decks.

Vented RidgeCrest vents are 13" x 13 ¼" with a 9 ¼" exposure. The vent is manufactured from an injection molded black polypropylene backer and an adhered colored granule shingle fabric that covers the top exposed surface of each vent piece.

LIMITATIONS

For All Applications: Elk Highpoint Premier Ridge vents shall be installed on a minimum roof slope of 3:12 and a maximum slope of 16:12. Elk RidgeCrest Vented Ridge shall be installed on a minimum roof slope of 4:12 and a maximum slope of 12:12.

Vented RidgeCrest:

Roof Deck Type	Allowable Design Pressure (psf)	
	2 Nail Application	4 Nail Application
¾" thick plywood	-22.8	-45.7
7/16" thick OSB	-26.7	-53.3
½" thick plywood	-30.5	-61

LIMITATIONS (Continued)

HighPoint Premier 9:

Roof Deck Type	Allowable Design Pressure (psf)
$\frac{3}{8}$ " thick Plywood	-47
$\frac{7}{16}$ " thick OSB	-54.9
$\frac{1}{2}$ " thick plywood	-62.7

HighPoint Premier 12:

Roof Deck Type	Allowable Design Pressure (psf)
$\frac{3}{8}$ " thick Plywood	-34
$\frac{7}{16}$ " thick OSB	-39.7
$\frac{1}{2}$ " thick plywood	-45.4

INSTALLATION INSTRUCTIONS

General Installation Requirements:

The structural provisions of the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions to the IRC and the IBC must be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

Deck: The roof deck shall consist of $\frac{3}{8}$ " thick plywood, $\frac{7}{16}$ " thick OSB or $\frac{1}{2}$ " thick plywood. Please refer to the limitations tables above for allowable design pressures for each deck type.

Fasteners: The fasteners shall be a minimum 11 gauge (0.125" shank), 2 $\frac{1}{2}$ inch long, galvanized steel roofing nails with a $\frac{3}{8}$ " diameter head for all applications.

Application of Vented RidgeCrest: The RidgeCrest vents shall be oriented with the high end (leading edge) away from the prevailing wind. The vented RidgeCrest is designed to overlap each piece 4". In the overlap, there is an interlocking feature that holds the front edge to the deck. A starter shall be placed on one rake edge and apply subsequent RidgeCrest shingles toward the opposite rake edge. Each vent shall have a minimum of two (2) nails located in the primary nail locations on the vent. Two additional nails may be used in the additional nail locations to achieve a higher rating as indicated in the limitations table above.

Application of HighPoint Premier 9 Ridge Vent: Each section of the vent (48" long section) shall have a minimum of 20 roofing nails to attach the ridge vent to the deck. The ridge vents are marked with nail zones on each side of the vent. The ridge vents have a preformed nail hole located in each end of the nail zone on each side of the ridge vent for nail placement. A nail shall be provided in each of the preformed holes at each end of the nail zone in each section of ridge vent (48" long sections). In addition, a minimum of eight (8) nails spaced at approximately 5" to 5 $\frac{3}{4}$ " o.c. along the nail zone on each side of the vent.

Application of HighPoint Premier 12 Ridge Vent: Each section of the vent (48" long section) shall have a minimum of 18 roofing nails to attach the ridge vent to the deck. The ridge vents are marked with nail zones on each side of the vent. The ridge vents have a preformed nail hole located in each end of the nail zone on each side of the ridge vent for nail placement.

INSTALLATION INSTRUCTIONS (Continued)

A nail shall be provided in each of the pre-formed holes at each end of the nail zone in each section of ridge vent (48" long sections). In addition, a minimum of eight (8) nails spaced at approximately 5" to 6 $\frac{2}{3}$ " o.c. along the nail zone on each side of the vent.

Note: The manufacturer's installation instructions shall be on the job site during the installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC) and the International Building Code (IBC).