

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-01

Effective November 1, 2003
Revised December 1, 2006

*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.

Roll Vent® and Rapid Ridge® Shingle Over Ridge Vents manufactured by

Benjamin Obdyke, Inc.
199 Precision Drive
Horsham, PA 19044
Telephone: (877) 647-8368

also sold under the brand name **TAMKO Roll Vent** continuous ridge vent, is accepted 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

Roll Vent®: The Roll Vent® is a continuous, under-the-shingle ventilator used to provide natural ventilation for an enclosed attic in residential construction. The Roll Vent® quickly rolls onto the roof over a cut slot, providing continuous airflow along the ridge. The Roll Vent® must be hand nailed. The Roll Vent® is 10 ½" wide and 15/16" thick. It is available in rolls of 20 feet and 50 feet and is typically cut-to-length cut on the job. The Roll Vent® is manufactured of a flexible nylon matrix fabric with a non-woven nylon-polyester fabric weather barrier.

Rapid Ridge®: The Rapid Ridge® is a continuous, under-the-shingle ventilator used to provide natural ventilation for an enclosed attic in residential construction. The Rapid Ridge® quickly rolls onto the roof over a cut slot, providing continuous airflow along the ridge. The Rapid Ridge® vent has a low profile design that can be installed with a nail gun. The Rapid Ridge® is 10 ½" wide and 5/8" thick. It is available in rolls of 20 feet and 50 feet and is typically cut-to-length cut on the job. The Rapid Ridge® is manufactured of a flexible nylon matrix fabric with a non-woven nylon-polyester fabric weather barrier.

LIMITATIONS

Design Wind Pressure: -253 psf

Roof Slope: The Roll Vent® and the Rapid Ridge® roof ventilators shall be installed on roofs with a minimum slope of 3:12. For roof slopes greater than 12:12, consult the manufacturer's recommended installation instructions.

INSTALLATION INSTRUCTIONS

General: The Roll Vent® and the Rapid Ridge® roof ventilators shall be installed in accordance with "Application & Architectural Drawings," published by Benjamin Obdyke, Inc. and this evaluation report.

Roof Deck: The roof deck shall consist of wood structural panels (plywood or OSB) with a minimum thickness of $\frac{3}{8}$ ". A continuous slot shall be cut in the roof sheathing. For the Roll Vent®, the minimum nominal width of the slot, measured horizontally, shall be $1\frac{3}{4}$ " on each side of the roof ridge. For the Rapid Ridge®, the minimum nominal width of the slot, measured horizontally, shall be $1\frac{1}{2}$ " on each side of the roof ridge.

Fasteners: Asphalt shingles shall be installed over the ridge vents. The asphalt shingles and the ridge vent shall be secured to the roof deck with roofing nails (nominal 0.120" smooth shank diameter, 0.412" diameter head). For the Roll Vent®, minimum $2\frac{1}{2}$ " long nails shall be used. For the Rapid Ridge®, minimum $1\frac{3}{4}$ " long nails shall be used. The fasteners shall be long enough to penetrate through the roof deck. The fasteners shall be located on each side of the ridge vent and spaced near each end of the ridge vent and at 5 inches on center along the length of the ridge vent.

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.