

Product Evaluation

RV28 | 1019

Engineering Services Program

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 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.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: RV-28

Effective Date: October 1, 2019

Re-evaluation Date: October 2023

Product Name: Xtractor Vent® XLP and Xtractor Vent® X18 Shingle Over Ridge Vents

Manufacturer: Benjamin Obdyke, Inc.
400 Babylon Road
Suite A
Horsham, PA 19444
(877) 647-8368

Brand Names: Xtractor Vent® X18 sold as TAMKO Coolridge

General Description:

The Xtractor Vent® XLP: is a sectional, under-the-shingle ventilator used to provide natural ventilation for an enclosed attic in residential construction. The Xtractor Vent® XLP is a low-profile plastic shingle over ridge vent that is designed to be installed using a nail gun. The Xtractor Vent® XLP is 14" wide and 5/8" thick. It is available in 48" long sections and comes in packages of 14. The Xtractor Vent® XLP is manufactured of injection-molded polypropylene modified for impact resistance and UV resistance.

Xtractor Vent® X18: The Xtractor Vent® X18 is a sectional, under-the-shingle ventilator used to provide natural ventilation for an enclosed attic in residential construction. The Xtractor Vent® X18 is a plastic shingle over ridge vent that provides 18 square inches of net free area per linear foot. It is designed to be installed by hand nailing. The Xtractor Vent® X18 is 14-3/4" wide and 13/16" thick. It is available in 48" long sections and comes in packages of 12. The Xtractor Vent®

X18 is manufactured of injection-molded polypropylene modified for impact resistance and UV resistance.

Limitations:

Design Wind Pressure:

Xtractor Vent® X18 -360 psf

Xtractor Vent® XLP -360 psf

Roof Slope: Xtractor Vent® X18 and Xtractor Vent® XLP shingle over ridge vents must be installed on roofs with a minimum slope of 3:12 and a maximum slope of 16:12. For hip roof applications, the maximum roof slope must not exceed 12:12.

Installation:

General: The Xtractor Vent® XLP and Xtractor Vent® X18 shingle over ridge vents must be installed in accordance with "Application & Architectural Drawings," published by Benjamin Obdyke, Inc. and this evaluation report.

Roof Deck:

Xtractor Vent® XLP and Xtractor Vent® X18 Shingle Over Ridge Vents

The roof deck must consist of wood structural panels with a minimum thickness of 3/8" for plywood and 7/16" for OSB. A continuous slot must be cut in the roof sheathing. For the Xtractor Vent® XLP, the minimum nominal width of the slot, measured horizontally, must be 3/4" on each side of the roof ridge. For the Xtractor Vent® X18, the minimum nominal width of the slot, measured horizontally, must be 1" on each side of the roof ridge.

Installation:

Xtractor Vent® X18, Xtractor Vent® XLP Asphalt shingles must be installed over the ridge vents. The asphalt shingles and the ridge vent must be secured to the roof deck with roofing nails, nominal 0.125" smooth shank diameter, 0.410" diameter head, and a minimum 2-1/2" long nails must be used. The fasteners must be long enough to penetrate through the roof deck. The fasteners must be located on each side of the ridge vent and spaced near each end of the ridge vent and at 5" on center along the length of the ridge vent.

Note: Keep the manufacturer's installation instructions available on the job site during the installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.