

Product Evaluation

RV127 | 0522

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-127

Effective Date: May 1, 2022

Re-evaluation Date: May 2026

Product Name: TruRidge® Standard Exhaust Vent, TruRidge® All-Weather Exhaust Vent, TruRidge® Pro Exhaust Vent, HighPoint® Invisaridge Exhaust Vent, HighPoint® Stealth Exhaust Vent, HighPoint® Performance Exhaust Vent, HighPoint® Intake Exhaust Vent, Shingle Over Ridge Vents

Manufacturer: Atlas Roofing Corporation
100 Pine View Drive
Hampton, GA 30228
(800) 388-6134

General Description:

TruRidge® Standard Exhaust Vent: The vent is a 12" wide, 4' long, 1.0" tall, molded plastic vent. It has a Net Free Vent Area of 18 sq. in. per linear foot.

TruRidge® All-Weather Exhaust Vent: The vent is a 12" wide, 4' long, 1.0" tall, molded plastic vent. It has a Net Free Vent Area of 18 sq. in. per linear foot. Prevents rain, snow, and insect infestation.

TruRidge® Pro Exhaust Vent: The vent is a 12" wide, 5' long, 1.0" tall, molded plastic vent. It has a Net Free Vent Area of 12 sq. in. per linear foot.

HighPoint® Invisaridge Exhaust Vent: The vent is a 12" wide, 4' long, 1.0" tall, molded plastic vent. It has a Net Free Vent Area of 18 sq. in. per linear foot.

HighPoint® Stealth Exhaust Vent: The vent is 10" wide, 4' long, 1.13" tall, molded plastic vent. It has a Net Free Vent Area of 12 sq. in. per linear foot.

HighPoint® Performance Exhaust Vent: The vent is a 12" wide, 4' long, 1.0" tall, molded plastic vent. It has a Net Free Vent Area of 18 sq. in. per linear foot.

HighPoint® Intake Exhaust Vent: The vent is a 10" wide, 4' long, 0.8" tall, molded plastic vent. It has a Net Free Vent Area of 12 sq. in. per linear foot.

Limitations:

Design Wind Pressure:

TruRidge® Standard Exhaust Vent: -405 psf

TruRidge® All-Weather Exhaust Vent: -405 psf

TruRidge® Pro Exhaust Vent: -405 psf

HighPoint® Invisaridge Exhaust Vent: -405 psf

HighPoint® Stealth Exhaust Vent: -345 psf

HighPoint® Performance Exhaust Vent: -330 psf

HighPoint® Intake Exhaust Vent: -375 psf

Roof Slope:

Vents may be installed on roofs with a minimum slope of 3:12 and a maximum slope of 16:12.

Installation:

General: The vent is installed in accordance with the manufacturer's installation instructions and this evaluation report.

Roof Deck: The roof deck must be solidly sheathed with minimum 15/32" plywood.

Fasteners: The ridge vent is secured to the roof deck with 0.120" x 2-1/2" long ring shank roofing nails. The fasteners must be long enough to penetrate completely through the roof deck. The fasteners must be located on each side of the ridge vent in the pre-molded fastener locations on the vent. Asphalt shingles are placed over the vent and installed with 0.120" x 2-1/2" ring shank roofing nails in accordance with the shingle manufacturer's installation instructions. Fasteners must be long enough to penetrate through the roof vent and completely through the roof deck.

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