

Product Evaluation

RV21 | 0421

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-21

Effective Date: April 1, 2021

Re-evaluation Date: April 2025

Product Name: Quarrix® StormStop™ Ridge Vents

Manufacturer: Liberty Plastics, Inc.
705 Pennsylvania Ave S
Minneapolis, MN 55426
(800) 828-6114

General Description:

The StormStop™ ridge vents are multilayered corrugated high-density polyethylene roof ridge vents with a bonded StormStop™ membrane. The units are mounted over a precut slot. The ridge vents are 5/8" thick by 7", 9", and 11-1/4" wide by 4', 8', 20', and 50' long. The ridge vents incorporate a groove in the center of the top cap for the full length of the vent. The StormStop™ membrane is a non-absorbent polypropylene material. A black polyethylene foam end cap is provided to seal the ends of the vent.

Limitations:

Design Pressure: -100 psf

Roof Slope: The minimum roof slope is 3:12. The maximum roof slope is 16:12.

Installation:

General Installation Requirements: All requirements specified in the IRC and the IBC must be satisfied and the manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

Roof Deck: The roof deck must consist of minimum of 7/16" thick OSB or plywood wood structural panels.

Installation: Cut a slot in the sheathing at the roof ridge in accordance with the manufacturer's installation instructions. Center the ridge vents over the roof ridge. The fasteners used to secure the ridge vent to the substrate must be galvanized steel smooth shank roofing nails with a 1/8" shank diameter and a 0.368" diameter head. One (1) nail must be provided on each side of the ridge line located 1" in from the edge. Locate the fasteners 1" in from the vent end and spaced 46" on center along the length of the ridge vent. Fasteners must be long enough to penetrate through the asphalt shingles and the ridge vent and a minimum of 3/4" into the roof sheathing. If the roof sheathing is less than 3/4" thick, then the fasteners must be long enough to penetrate through the sheathing. Shingles must be attached to the ridge vent at a maximum spacing of 5" on center on both sides with a minimum of four (4) nails per shingle (two (2) nails for each side of the ridge).

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