

Product Evaluation

RV89 | 0623

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-89

Effective Date: June 1, 2023

Re-evaluation Date: June 2027

Product Name: Commercial Ridge Vents

Manufacturer: Mueller, Inc.
Metal Buildings, Roofing, and Components
1913 Hutchins Avenue
Ballinger, TX 76281
(800) 527-1087

General Description:

The Commercial Ridge Vent is a roof vent that is installed on the ridge of a metal roof system over open framing. The vent provides natural ventilation for an enclosed building. The vent is 26-gauge steel with a 25" coverage and is 10' long.

Limitations:

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

Roof Slope: There is no minimum or maximum roof slope.

Design Pressure: + 25 psf/-80 psf

Metal Roof System: The vent must be installed over a minimum 26-gauge metal roof system. The metal roof system must meet or exceed the requirements of the IRC or IBC.

Roof Substrate: The vent must be installed over minimum 16-gauge steel framing. The roof substrates must meet or exceed the requirements of the IRC or IBC.

Installation:

General Installation Requirements: The commercial ridge vent must be installed in accordance with the manufacturer's installation instructions and thus product evaluation.

Anchorage: 1/4-14 X 2" HWH SD screws with sealing washer (or approved equal) at 12" on center on both sides of the vent. The screws must be long enough to penetrate through the 16-gauge steel roof framing member a minimum of three threads.

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.