



EVALUATION REPORT

2010 FLORIDA BUILDING CODE

Manufacturer: Southeastern Metals Manufacturing Co., Inc. (SEMCO) *Issued May 2, 2014*
 11801 Industry Drive
 Jacksonville, FL 32218
 (800) 874-0335
<http://www.semetals.com>

Manufacturing Plant: Jacksonville, FL

Quality Assurance: Underwriters Laboratories Inc. (QUA1743)

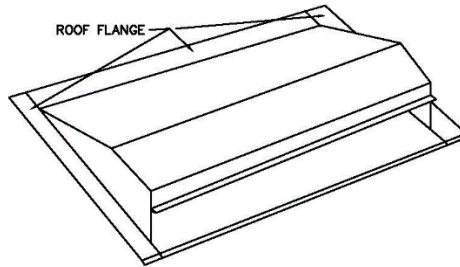
SCOPE

Category: Roofing
Subcategory: Roofing Accessories that are an Integral Part of the Roofing System
Code Sections: 1714.2
Properties: Roof Ventilation

REFERENCES

Entity	Report No.	Standard	Year
PRI Construction Materials Technologies (TST5878)	SEM-038-02-01	ASTM E 330	2002

PRODUCT DESCRIPTION AND APPLICATION



NON HVHZ Off Ridge Vent: Minimum 26 ga. ASTM A792 or ASTM A653 steel; $F_y = \text{min. } 50 \text{ ksi}$; maximum dimensions of the vent are 24-inch wide x 78-inch long x 4.25-inch high. Vent is available in nominal 4-ft and 6-ft sizes.

Deck Type: Minimum 7/16-inch APA span rated OSB sheathing or 15/32-inch APA span rated plywood sheathing for new and existing roof deck (Deck shall be designed by others in accordance with FBC requirements).

Roof slope: Minimum 4:12

Mean Roof Height: Maximum 33-ft

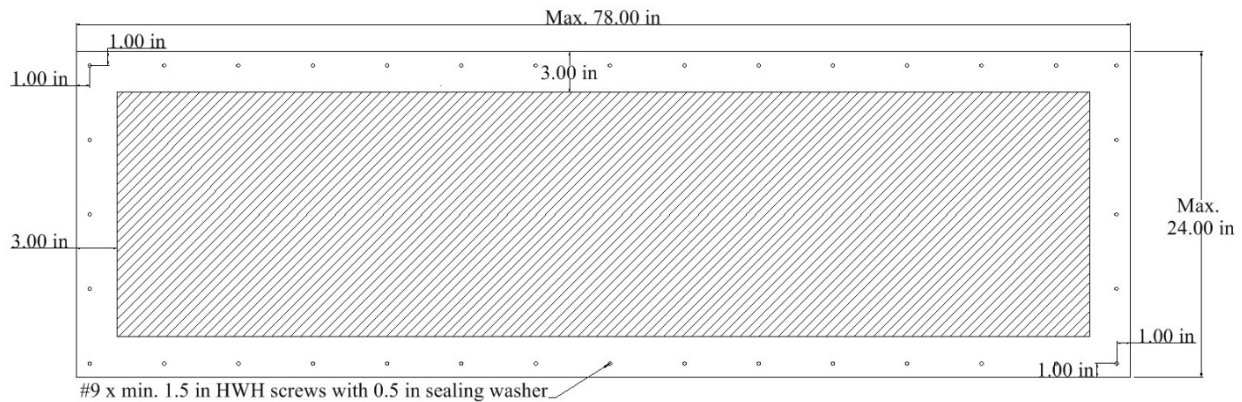
Roof Cut-Out: 2.5-inch wide x 42-inch opening for the nominal 4-ft vent
 2.5-inch wide x 66-inch opening for the nominal 6-ft vent

Attachment Method: Cut-out opening as prescribed above into the sheathing located a minimum 6-inch off the ridge. For a single vent, install the vent as close to the center of the roof length as possible. Multiple vents should be evenly spaced along the roof length.

Remove interfering shingle nails around the perimeter of the opening and any debris



prior to placing vent. Apply ASTM D 4586 or ASTM D 3409, Type I roofing cement/mastic to the underside of the perimeter flange to continuously surround and seal the flange. Position the vent over the opening in the roof sheathing. Slide the top and side flanges of the vent underneath the shingles and allow the bottom flange to lie on top of the shingles. Attach the vent with #9 x min. 1.5-inch HWH screws with 0.5-inch sealing washers having sufficient length to penetrate through the sheathing a minimum of $\frac{3}{8}$ -inch. The screws shall be located 1-inch from the edge of the flange and 5.5-inches o.c. along all four sides of the vent. All loosened shingles shall be adhered down with roof cement/mastic.



Allowable Roof Coverings: Asphalt shingles

Maximum Design
Pressure¹ (psf) **-22.5**

¹Pressures calculated using 2:1 margin of safety per 1504.9.

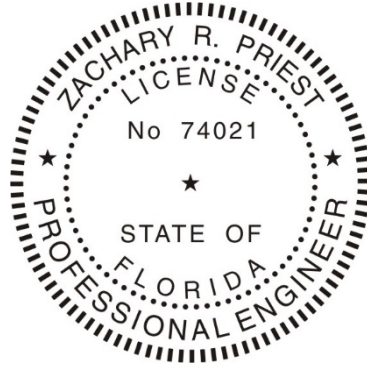
LIMITATIONS

- 1) Fire Classification is outside the scope of this evaluation.
- 2) This report is not for use in the HVHZ.
- 3) The roof deck and deck attachment shall be designed by others in accordance with the 2010 FBC.
- 4) SEMCO vents shall be installed in strict compliance with this evaluation report and the manufacturer's published installation instructions. In the event of conflict, the more restrictive installation shall be enforced.
- 5) Deck substrates shall be clean, dry, and free from any irregularities and debris. All fasteners in the deck shall be checked for protrusion prior to installation.
- 6) Installation of the roof assembly is outside the scope of this evaluation.
- 7) SEMCO vents are intended to provide passive ventilation for an enclosed attic in residential construction applications
- 8) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.



COMPLIANCE STATEMENT

The products evaluated herein have demonstrated compliance with the 2010 Florida Building Code as evidenced in the referenced documents submitted by the named manufacturer.



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CERTIFICATION OF INDEPENDENCE

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

END OF REPORT