



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Manufacturer: Southeastern Metals Manufacturing Co., Inc. (SEMCO) *Issued December 17, 2023*
2723 Ignition Drive
Jacksonville, FL 32218
(800) 874-0335
<http://www.semetals.com>

Manufacturing Plant: Jacksonville, FL

Quality Assurance: UL LLC (QUA9625)

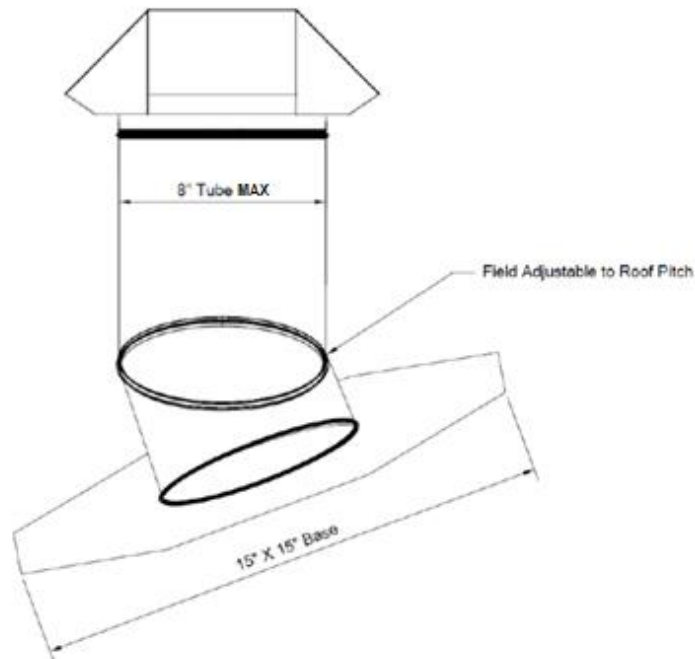
SCOPE

Category: Roofing
Subcategory: Roofing Accessories that are an Integral Part of the Roofing System
Code Edition: Florida Building Code, 8th Edition (2023)
Code Sections: 1503.5, 1709.2
Properties: Roof Ventilation

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	786T0004	ASTM E 330	2014

PRODUCT DESCRIPTION



Total JACK™

ASTM A653 CS Type B steel vent; Maximum 8-inch throat at base opening. Vent contains an octagonal flange base with a diameter of 15-inches. Material shall conform with FBC Section 1507.4.3.

APPLICATION

Deck Type: Minimum 15/32-inch, APA span rated, CDX plywood sheathing for new and existing roof deck; Deck shall be designed by others in accordance with FBC requirements

Attachment Method: Cut out an opening in the roof sheathing corresponding to the dimensions of the vent opening and within maximum dimensions. Do not cut into trusses or rafters when cutting opening in the roof.

Center vent over cutout. Nail in place using minimum 11 ga. x 1-1/4" ring shank roofing nails spaced 2-inches o.c. a maximum of 1-inch from the outer edge of the vent flange and 1 1/2-inch from each corner (fasteners shall conform with FBC Section 1506.5).

Maximum Design Pressure: **-262.5 psf**
Pressures calculated using 2:1 margin of safety per 1504.9

LIMITATIONS

- 1) This report is not for use in the HVHZ.
- 2) Fire Classification is outside the scope of this evaluation.
- 3) The roof deck and deck attachment shall be designed by others in accordance with the FBC.
- 4) 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) 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 by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 8th Edition (2023) as evidenced in the referenced documents submitted by the named manufacturer.



This item has been
digitally signed and
sealed by Zachary R.
Priest, PE, on 12/17/2023.

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Digitally signed by Zachary R. Priest
CREEK Technical Services, LLC

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Zachary R. Priest, P.E.
Florida Registration No. 74021
Organization No. ANE9641

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