



**EVALUATION REPORT**

**FLORIDA BUILDING CODE, 7<sup>TH</sup> EDITION (2020)**

**Manufacturer:** L.V. Thompson, Inc. *Issued September 16, 2020*  
 dba Thompson Architectural Metals Company (TAMCO)  
 5015 E. Hillsborough Ave  
 Tampa, FL 33610  
 (813) 248-3456  
<http://www.tamcometalroof.com>

**Manufacturing Plant:** Tampa, FL

**Quality Assurance:** PRI Construction Materials Technologies (QUA9110)

**SCOPE**

**Category:** Roofing  
**Subcategory:** Roofing Accessories that are an Integral Part of the Roofing System  
**Code Edition:** Florida Building Code, 7<sup>th</sup> Edition (2020) including High-Velocity Hurricane Zones (HVHZ)  
**Code Sections:** 1503.5, 1523.6.5.2.13  
**Properties:** Roof Ventilation

**REFERENCES**

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	LVTI-012-02-01	TAS 100(A)	1995

**PRODUCT DESCRIPTION**

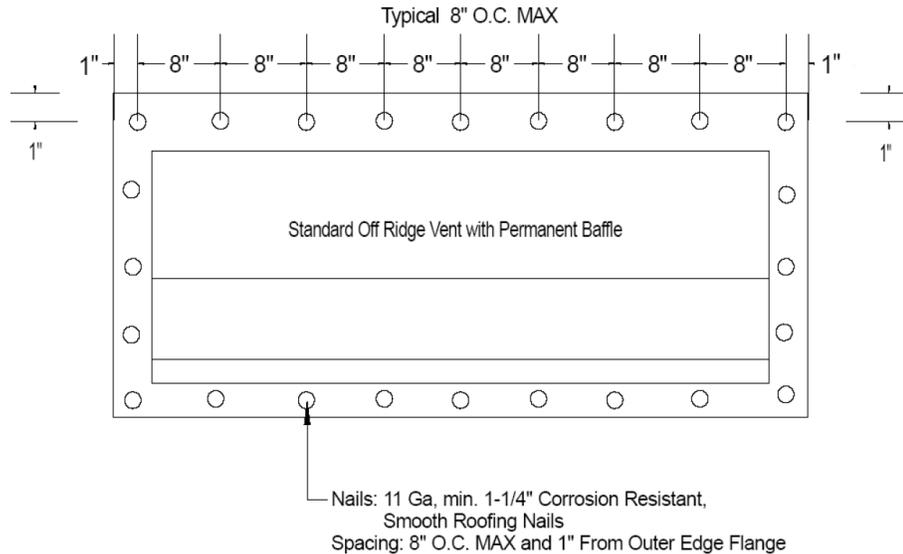


**TAMCO Off-Ridge Roof Vent with Baffle** Minimum 26 ga. ASTM A792 AZ50 (non-HVHZ only) or ASTM A653 G90 steel off-ridge static roof ventilator with integrated baffle offset from the intake. Vent dimensions are 24" wide x 4-1/4" high and is available in nominal lengths of 4-ft, 6-ft, 8-ft and 10-ft. Material shall conform with FBC Section 1507.4.3 (non-HVHZ) and 1517.6 (HVHZ).

**APPLICATION**

- Deck Type: Minimum 15/32-inch APA span rated plywood sheathing for new and existing roof deck; Min. 19/32-inch APA span rated plywood sheathing in the HVHZ for new construction. (Deck shall be designed by others in accordance with FBC requirements)
- Roof slope: Minimum 4:12
- Installation Height: Maximum 33-ft
- Attachment Method: Cut-out a 3-inch opening sized according to manufacturer's instructions 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 vent flange at both the inside and outside perimeter and to continuously surround and seal the flange. 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 galvanized or stainless steel roofing nails having minimum 12 ga. shank, minimum 3/8-inch diameter head and sufficient length to penetrate through the sheathing (ring shank nails shall be used in the HVHZ). Nails shall be located 1-inch from the edge of the flange and 8-inch o.c. along all four sides of the vent. All exposed fasteners shall be sealed with roofing cement/mastic. All loosened shingles shall be adhered down with roof cement/mastic.



Allowable Roof Coverings: Asphalt shingles

## LIMITATIONS

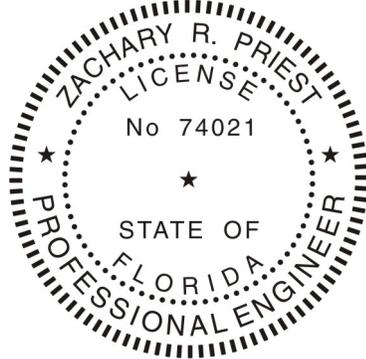
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- 1) Fire Classification is outside the scope of this evaluation.
- 2) The roof deck and deck attachment shall be designed by others in accordance with the FBC.
- 3) TAMCO vents shall be installed in strict compliance with this evaluation report and the manufacturer's published installation instructions. In the event of conflict, the more restrictive installation shall be enforced.
- 4) 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.
- 5) Installation of the roof assembly is outside the scope of this evaluation.
- 6) TAMCO vents are intended to provide passive ventilation for an enclosed attic in residential construction applications.
- 7) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

## COMPLIANCE STATEMENT

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The products evaluated herein by Zachary R. Priest P.E. have demonstrated compliance with the Florida Building Code, 7<sup>th</sup> Edition (2020) including High-Velocity Hurricane Zones (HVHZ) as evidenced in the referenced documents submitted by the named manufacturer.



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

## CERTIFICATION OF INDEPENDENCE

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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**