



EVALUATION REPORT

FLORIDA BUILDING CODE, 6TH EDITION (2017)

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

*Issued October 10, 2017
Perforated Ridge
channel
17834.1*

Manufacturing: Tampa, FL

Quality Assurance: Keystone Certifications (QUA1824)

SCOPE

Category: Roofing
Subcategory: Roofing Accessories that are an integral part of the roofing system
Code Sections: 1504.2.1, 1507.3.7, 1518.8.1
Properties: Wind Resistance

PRODUCT DESCRIPTION

L.V. Thompson Ridge – Perforated

Dimensions: 10-ft lengths; 3, 4, 5, 6, 7, and 8-inch heights
Description: ASTM A 653 G90 or ASTM A 792, preformed metal channel for use as a hip and ridge base with clay and concrete roof tiles
Material: Min. 26 ga. steel; $F_y = \text{min. } 50 \text{ ksi}$; Shall conform with FBC Section 1507.4.3 (non-HVHZ) and 1517.6 (HVHZ).

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	LVTI-017-02-01	SBCCI SSTD 11	1997
		TAS 101	1995

LIMITATIONS

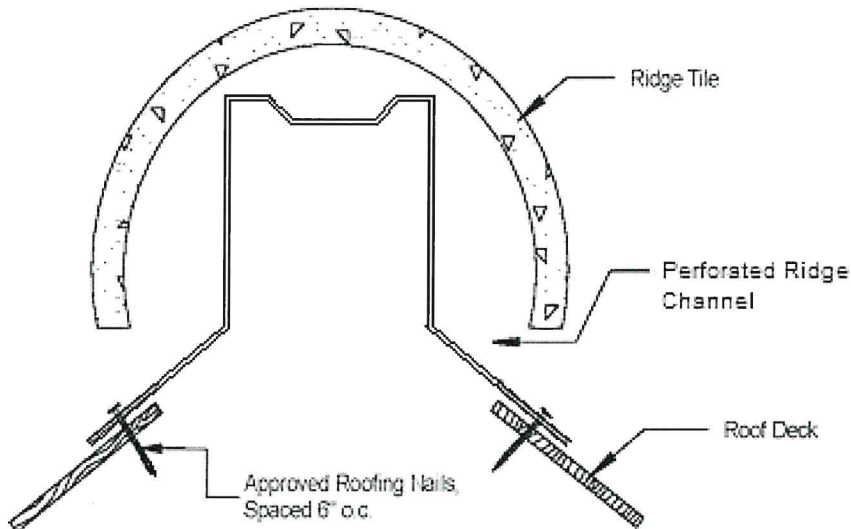
1. Fire classification is not within the scope of this evaluation.
2. In the non-HVHZ, design wind loads shall be determined by others in accordance Section 1609 of the FBC.
3. Installation of the evaluated products shall comply with this report, the FBC and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and FBC compliant installation detail shall prevail.
4. All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

INSTALLATION (HVHZ)

The component and installation shall comply with one of the following:

- 1) RAS 118, Detail 3
- 2) RAS 119, Detail 3
- 3) RAS 120, Detail 3

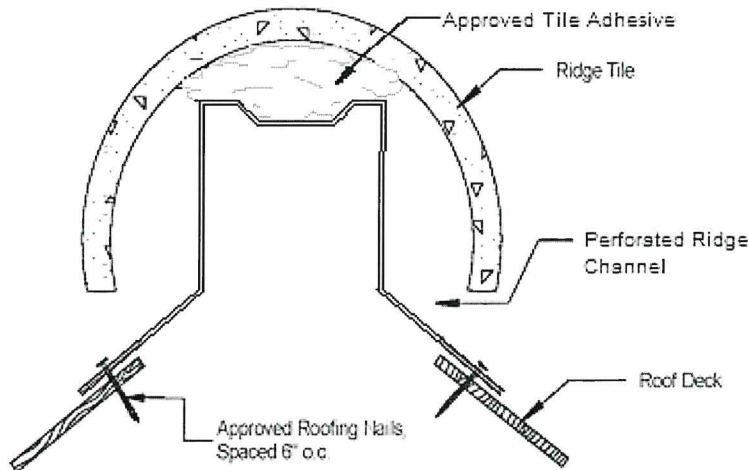
Perforated Ridge shall be attached 6-inch o.c. with approved fasteners, at minimum. Refer to manufacturer's installation instructions as a supplemental guide for attachment.



INSTALLATION (NON-HVHZ)

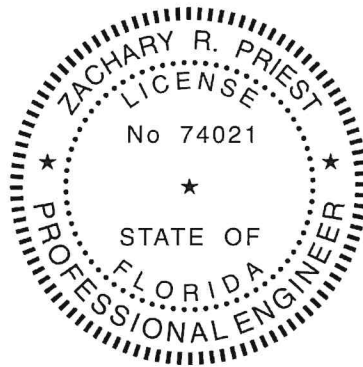
- | | |
|----------------------------|---|
| Roof Deck: | Minimum 15/32-inch APA span rated plywood sheathing for new and existing roof deck (Deck shall be designed by others in accordance with FBC requirements). |
| Perforated Ridge Channel: | Minimum 11 ga. x 1.25 galvanized, ring shank nails attached 6-inch o.c. along each mounting flange into the wood deck. |
| Ridge Tile: | Clay or Concrete Ridge Tile shall be attached to the <u>PERFORATED RIDGE CHANNEL</u> with one (1) 2-inch x 7-inch paddy (approx. 35g) of ICP Adhesives Polyset AH-160 as shown below.
Or
Concrete Ridge Tile shall be attached to the <u>PERFORATED RIDGE CHANNEL</u> with one (1) 2-inch x 7-inch paddy (approx. 35g) of ICP Adhesives Polyset RTA-1 as shown below. |
| Maximum Uplift Resistance: | -233 psf with clay ridge tile adhered with ICP Adhesives Polyset AH-160
-244 psf with concrete ridge tile adhered with ICP Adhesives Polyset AH-160
-126 psf with concrete ridge tile ICP Adhesives Polyset RTA-1 |

Calculated using 2:1 margin of safety per 1504.9.



COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 6th Edition (2017) as evidenced in the referenced documents submitted by the named manufacturer.



Zachary R. Priest
Digitally signed by Zachary R. Priest

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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