



**EVALUATION REPORT**

**FLORIDA BUILDING CODE, 9<sup>TH</sup> EDITION (2026)**

**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 August 6, 2026*

**Manufacturing:** Tampa, FL

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

**SCOPE**

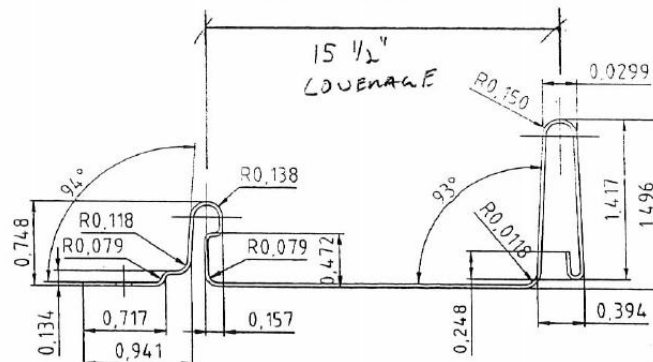
**Category:** Roofing  
**Subcategory:** Metal Roofing  
**Code Edition:** Florida Building Code, 9<sup>th</sup> Edition (2026) including High-Velocity Hurricane Zones (HVHZ)  
**Code Sections:** 1504.3, 1518.9.1, 1523.1.1, 1523.6.5.2.4, 1523.6.5.2.4.1  
**Properties:** Wind Resistance

**REFERENCES**

| <u>Entity</u>                                     | <u>Report No.</u> | <u>Standard</u> | <u>Year</u> |
|---------------------------------------------------|-------------------|-----------------|-------------|
| Farabaugh Engineering and Testing, Inc (TST1654)  | T349-07           | TAS 100         | 2023        |
| Force Engineering and Testing Inc (TST5328)       | 72-0190T-07       | UL 580          | 2006        |
|                                                   |                   | UL 1897         | 2015        |
|                                                   |                   | TAS 125         | 2003        |
| PRI Construction Materials Technologies (TST5878) | VLS-004-02-01     | ASTM G 155      | 2021        |
|                                                   |                   | TAS 110         | 2000        |
| PRI Construction Materials Technologies (TST5878) | VLS-005-02-01     | ASTM B 117      | 2016        |
|                                                   |                   | TAS 110         | 2000        |

**PRODUCT DESCRIPTIONS**

**Panel:** TMLOC 150 24 ga. 15-1/2" coverage  
**Description:** Snap lock panel; 3/4-inch male rib with slotted strip and 1-1/2 inch female rib; Maximum 15-1/2 inch coverage; Non-structural application  
**Material:** Minimum 24 ga. Fluoropon® coated ASTM A792 AZ50 or ASTM A653 G-90 steel (F<sub>y</sub> = min. 50 ksi); Shall conform with FBC Section 1507.4.3



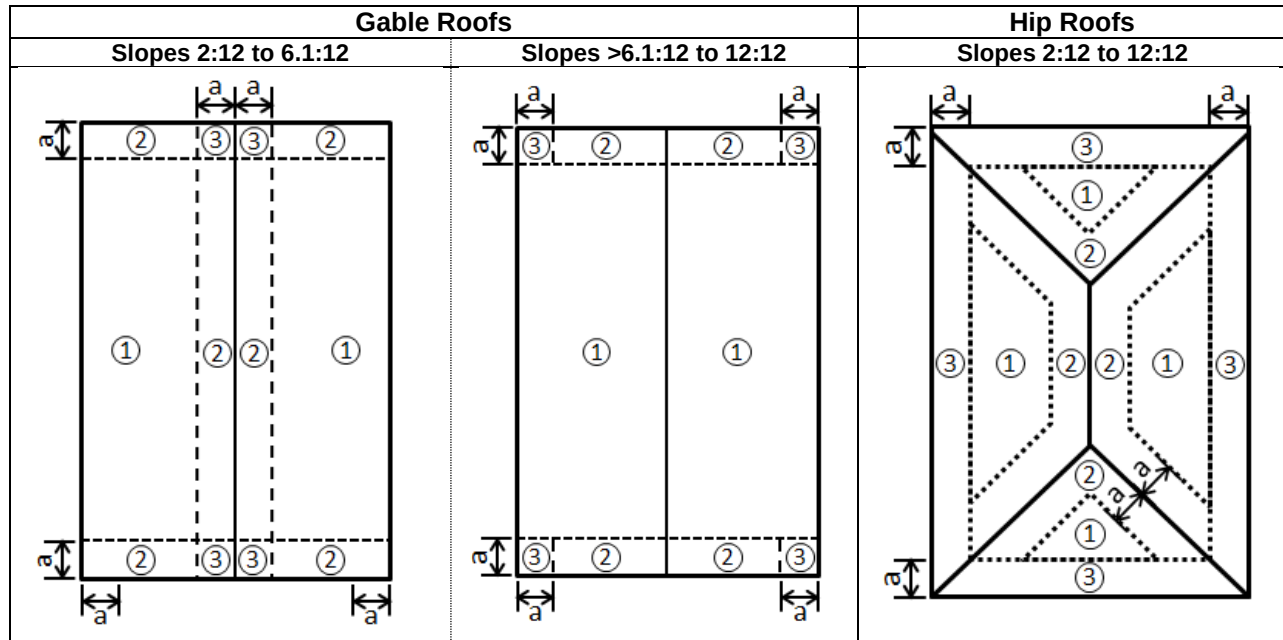
**Panel Dimensions**

**APPROVED ASSEMBLIES**

| TML150-1:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |                                                                                                                                                                                                                                                                                                                                             |       |       |       |       |       |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Slope:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        | Shall be in accordance with FBC.                                                                                                                                                                                                                                                                                                            |       |       |       |       |       |       |       |
| Roof Deck:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        | Solid or closely fitted min. 15/32 in. 32/16 span rated, 4-ply, CDX plywood sheathing for new and existing construction at max. 24 in. span; In the HVHZ, new construction shall be min. 19/32 in. 40/20 span rated, CDX plywood at max. 24 in. span; Designed by others in accordance with FBC requirements.                               |       |       |       |       |       |       |       |
| Underlayment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        | Installed in accordance with FBC requirements. In the HVHZ, the underlayment shall be installed in accordance with Section 1518.2 . In the HVHZ, a full sheet of <i>approved</i> ASTM D 1970 self-adhering underlayment shall be installed under the valley metal, and 18-inch wide sections shall be installed at the eave and rake edges. |       |       |       |       |       |       |       |
| Attachment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        | <b>One (1) #12-11 x minimum 1” pancake head screw</b> secured <b>maximum 11 in. o.c. along the panel slot.</b> Fasteners shall penetrate the deck a minimum 1/4-inch and shall conform with FBC Sections 1507.4.4 and 1506.6.                                                                                                               |       |       |       |       |       |       |       |
| Maximum Design Pressures:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        | <b>-78.5 psf</b><br><i>Pressure calculated using 2:1 margin of safety per 1504.9</i>                                                                                                                                                                                                                                                        |       |       |       |       |       |       |       |
| Maximum Mean Roof Heights<br>Slopes 2:12 – 12:12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |                                                                                                                                                                                                                                                                                                                                             |       |       |       |       |       |       |       |
| Exposure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Basic Wind Speed (mph) |                                                                                                                                                                                                                                                                                                                                             |       |       |       |       |       |       |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ≤120                   | 130                                                                                                                                                                                                                                                                                                                                         | 140   | 150   | 160   | 170   | 180   | 190   | 200   |
| Zone 1 for Gable/Hip Roofs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |                                                                                                                                                                                                                                                                                                                                             |       |       |       |       |       |       |       |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                       | 60 ft | 60 ft | 60 ft | 60 ft | 60 ft | 44 ft | 30 ft |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                       | 60 ft | 60 ft | 47 ft | 26 ft | 15 ft | NA    | NA    |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                       | 60 ft | 39 ft | 18 ft | NA    | NA    | NA    | NA    |
| Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                                                                                                                                                                                                                                                                                                                                             |       |       |       |       |       |       |       |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                       | 60 ft | 60 ft | 56 ft | 35 ft | 23 ft | 15 ft | NA    |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                       | 45 ft | 22 ft | NA    | NA    | NA    | NA    | NA    |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 41 ft                                                                                                                                                                                                                                                                                                                                       | 17 ft | NA    | NA    | NA    | NA    | NA    | NA    |
| Zone 3 for Gable Roofs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |                                                                                                                                                                                                                                                                                                                                             |       |       |       |       |       |       |       |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                       | 55 ft | 33 ft | 20 ft | NA    | NA    | NA    | NA    |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 54 ft                  | 24 ft                                                                                                                                                                                                                                                                                                                                       | NA    | NA    | NA    | NA    | NA    | NA    | NA    |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 21 ft                  | NA                                                                                                                                                                                                                                                                                                                                          | NA    | NA    | NA    | NA    | NA    | NA    | NA    |
| Notes: 1) Exposure category for the structure location shall be as defined in the Florida Building Code 2) Limitations are based on an effective wind area of 10ft <sup>2</sup> or less 3) Topographic factors such as escarpments or hills are not included in the above assessment 4) Applicable for Enclosed Buildings without overhangs 5) NA = “Not Allowed” 6) $K_d = 0.85$ 7) $K_e = 1$ 8) Projects with mean roof heights of greater than 60 ft shall be evaluated by a licensed design professional 9) See page 4 for details for dimensions and locales of Zone 1, 2, and 3 10) $V_{ult}$ is shown in the tables above. Design wind loads are calculated using $V_{asd} = V_{ult}\sqrt{0.6}$ per 1609.3.1. |                        |                                                                                                                                                                                                                                                                                                                                             |       |       |       |       |       |       |       |



| TML150-2:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |                                                                                                                                                                                                                                                                                                                                            |       |       |       |       |       |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Slope:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        | Shall be in accordance with FBC.                                                                                                                                                                                                                                                                                                           |       |       |       |       |       |       |       |
| Roof Deck:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        | Solid or closely fitted min. 15/32 in. 32/16 span rated, 4-ply, CDX plywood sheathing for new and existing construction at max. 24 in. span; In the HVHZ, new construction shall be min. 19/32 in. 40/20 span rated, CDX plywood at max. 24 in. span; Designed by others in accordance with FBC requirements.                              |       |       |       |       |       |       |       |
| Underlayment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                        | Installed in accordance with FBC requirements. In the HVHZ, the underlayment shall be installed in accordance with Section 1518.2. In the HVHZ, a full sheet of <i>approved</i> ASTM D 1970 self-adhering underlayment shall be installed under the valley metal, and 18-inch wide sections shall be installed at the eave and rake edges. |       |       |       |       |       |       |       |
| Attachment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        | <b>One (1) #12-11 x minimum 1” pancake head screw secured maximum 6-1/2 in. o.c. along the panel slot and two (2) #10-11 x minimum 1” eclipse head screws secured maximum 12 in. o.c. in the pan of the panel.</b> Fasteners shall penetrate the deck a minimum 1/4-inch and shall conform with FBC Sections 1507.4.4 and 1506.6.          |       |       |       |       |       |       |       |
| Maximum Design Pressures:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        | <b>-116 psf</b><br><i>Pressure calculated using 2:1 margin of safety per 1504.9</i>                                                                                                                                                                                                                                                        |       |       |       |       |       |       |       |
| Maximum Mean Roof Heights<br>Slopes 2:12 – 12:12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |                                                                                                                                                                                                                                                                                                                                            |       |       |       |       |       |       |       |
| Exposure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Basic Wind Speed (mph) |                                                                                                                                                                                                                                                                                                                                            |       |       |       |       |       |       |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ≤120                   | 130                                                                                                                                                                                                                                                                                                                                        | 140   | 150   | 160   | 170   | 180   | 190   | 200   |
| Zone 1 for Gable/Hip Roofs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |                                                                                                                                                                                                                                                                                                                                            |       |       |       |       |       |       |       |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                      | 60 ft | 60 ft | 60 ft | 60 ft | 60 ft | 60 ft | 60 ft |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                      | 60 ft | 60 ft | 60 ft | 60 ft | 60 ft | 60 ft | 36 ft |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                      | 60 ft | 60 ft | 60 ft | 60 ft | 46 ft | 24 ft | NA    |
| Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                                                                                                                                                                                                                                                                                                                                            |       |       |       |       |       |       |       |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                      | 60 ft | 60 ft | 60 ft | 60 ft | 60 ft | 60 ft | 45 ft |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                      | 60 ft | 60 ft | 60 ft | 45 ft | 26 ft | 15 ft | NA    |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                      | 60 ft | 60 ft | 36 ft | 17 ft | NA    | NA    | NA    |
| Zone 3 for Gable Roofs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |                                                                                                                                                                                                                                                                                                                                            |       |       |       |       |       |       |       |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                      | 60 ft | 60 ft | 60 ft | 55 ft | 36 ft | 24 ft | 16 ft |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                      | 60 ft | 41 ft | 21 ft | NA    | NA    | NA    | NA    |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 60 ft                  | 60 ft                                                                                                                                                                                                                                                                                                                                      | 35 ft | 15 ft | NA    | NA    | NA    | NA    | NA    |
| Notes: 1) Exposure category for the structure location shall be as defined in the Florida Building Code 2) Limitations are based on an effective wind area of 10ft <sup>2</sup> or less 3) Topographic factors such as escarpments or hills are not included in the above assessment 4) Applicable for Enclosed Buildings without overhangs 5) NA = “Not Allowed” 6) $K_d = 0.85$ 7) $K_e = 1$ 8) Projects with mean roof heights of greater than 60 ft shall be evaluated by a licensed design professional 9) See page 4 for details for dimensions and locales of Zone 1, 2, and 3 10) $V_{ult}$ is shown in the tables above. Design wind loads are calculated using $V_{asd} = V_{ult}\sqrt{0.6}$ per 1609.3.1. |                        |                                                                                                                                                                                                                                                                                                                                            |       |       |       |       |       |       |       |



Dimension "a" shall be 10% of the least horizontal dimension or (0.4 x Mean Roof Height), whichever is smaller, but not less than either 4% of the least horizontal dimension or 3ft.

#### LIMITATIONS

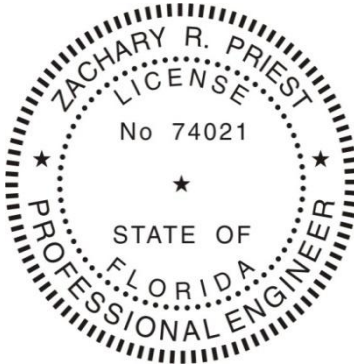
1. Fire classification is not within the scope of this evaluation.
2. The roof deck and the roof deck attachment information are provided based on testing. FBC requirements for the rational design of the roof deck, including the attachment, are not within the scope of this evaluation.
3. Reroofing shall be in accordance with FBC Section 1511 outside the HVHZ and FBC Section 1521 inside the HVHZ.
4. Installation of the evaluated products shall comply with this report, the FBC and RAS 133 in the HVHZ, and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and FBC compliant installation detail shall prevail.
5. FBC Section 1504.3.1.1 is not within the scope of this evaluation. Compliance with FBC Section 1504.3.1.1 shall be established through other *approved* products.
6. Materials shall conform to FBC Section 1711 as well as FBC Section 1506 outside of the HVHZ and FBC Section 1517 within the HVHZ.
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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This report has been prepared in accordance with F.A.C. Rule 61G20-3.



This item has been  
digitally signed and  
sealed by Zachary R.  
Priest, PE, on 8/6/2026.

Printed copies of this  
document are not  
considered signed and  
sealed and the signature  
must be verified on any  
electronic copies.

2026.08.06  
13:52:27  
-04'00'

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**