



**EVALUATION REPORT**

**FLORIDA BUILDING CODE, 8<sup>TH</sup> EDITION (2023)**

**Manufacturer:** ARCHITECTURAL METAL FLASHINGS, LLC  
2659 NE 9<sup>th</sup> Avenue  
Cape Coral, FL 33909  
(239) 994-5873

*Issued June 4, 2025*

**Manufacturing:** Cape Coral, FL

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

**SCOPE**

**Category:** Roofing  
**Subcategory:** Metal Roofing  
**Code Sections:** 1504.3  
**Properties:** Wind Resistance

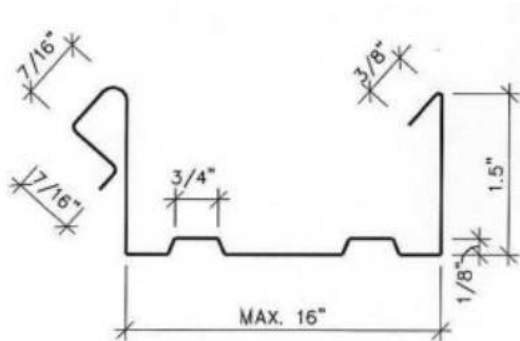
**REFERENCES**

| <u>Entity</u>                                     | <u>Report No.</u> | <u>Standard</u> | <u>Year</u> |
|---------------------------------------------------|-------------------|-----------------|-------------|
| PRI Construction Materials Technologies (TST5878) | 1897T0009.2       | UL 580          | 2006        |
| PRI Construction Materials Technologies (TST5878) | 1897T0009.3       | UL 580          | 2006        |

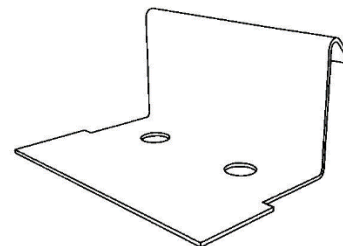
**PRODUCT DESCRIPTIONS**

**Panel:** 1.5" Snap Lock Panel  
**Description:** 1.5-inch snap lock standing seam; Maximum 16-inch coverage; Optional intermediate ribs  
**Material:** Minimum 24 ga. ASTM A792 AZ50 steel ( $F_y$  = min. 50 ksi)  
Minimum 0.032-inch 3105 H24 aluminum ( $F_y$  = min. 22 ksi);  
Shall conform with FBC Section 1507.4.3

**Clips:** 1.5" SnapLock Clip  
**Material:** Minimum 24 ga. 150-SLRF-24-G or minimum 22 ga. 150-SLRF-22-S clips; AMSI Supply; Shall conform with FBC Section 1506.7

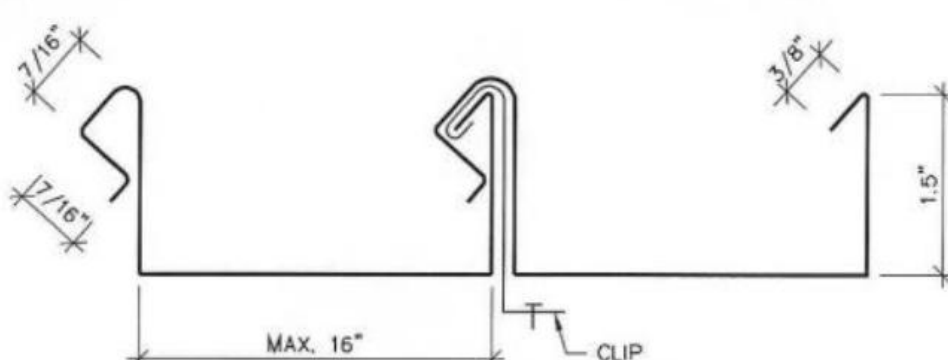


**1.5" Snap Lock Panel Dimensions**

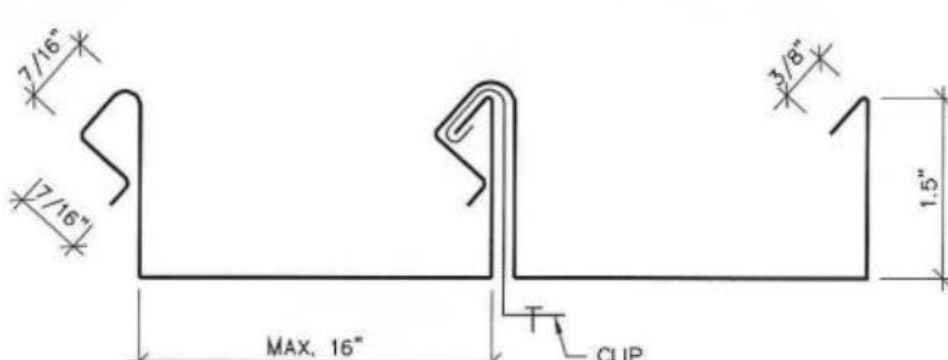


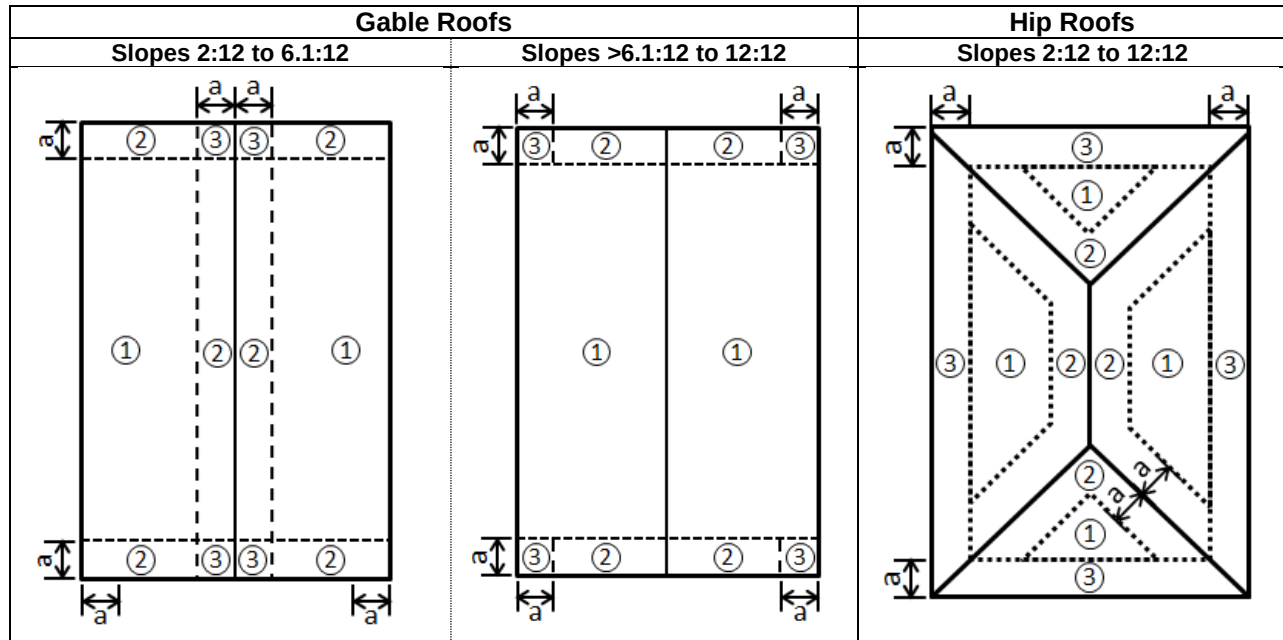
**1.5" SnapLock Clip**

**APPROVED ASSEMBLIES**

| System SL1.5-1S: 1.5" Snap Lock Panel (Minimum 24 ga. steel)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                |       |       |       |       |       |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-----|-----|-----|
| Slope:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Shall be in accordance with FBC Section 1507.4.2.                                                                                                                                                                                                              |       |       |       |       |       |     |     |     |
| Roof Deck:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Minimum 15/32-inch 32/16 span rated 4-ply, CDX plywood sheathing or wood plank for new and existing roof deck. Deck shall be designed by others in accordance with FBC requirements.                                                                           |       |       |       |       |       |     |     |     |
| Underlayment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Installed in accordance with FBC Section 1507.1.1.                                                                                                                                                                                                             |       |       |       |       |       |     |     |     |
| Attachment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24 ga. 150-SLRF-24-G clips shall be installed with two (2) #10-12 x min. 1.5" pancake head screws at a maximum 16 in. o.c. along the panel seam. Fasteners shall penetrate the deck a minimum 3/8-inch and shall conform with FBC section 1507.4.4 and 1506.6. |       |       |       |       |       |     |     |     |
| Maximum Design Pressures:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -52.5 psf<br>Pressure calculated using 2:1 margin of safety per 1504.9                                                                                                                                                                                         |       |       |       |       |       |     |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                |       |       |       |       |       |     |     |     |
| 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 | 57 ft | 35 ft | 22 ft | NA  | NA  | NA  |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60 ft                                                                                                                                                                                                                                                          | 50 ft | 24 ft | NA    | NA    | NA    | NA  | NA  | NA  |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 51 ft                                                                                                                                                                                                                                                          | 20 ft | NA    | NA    | NA    | NA    | NA  | NA  | NA  |
| Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                |       |       |       |       |       |     |     |     |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60 ft                                                                                                                                                                                                                                                          | 59 ft | 34 ft | 20 ft | NA    | NA    | NA  | NA  | NA  |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 28 ft                                                                                                                                                                                                                                                          | NA    | NA    | NA    | NA    | NA    | NA  | NA  | NA  |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NA                                                                                                                                                                                                                                                             | NA    | NA    | NA    | NA    | NA    | NA  | NA  | NA  |
| Zone 3 for Gable Roofs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                |       |       |       |       |       |     |     |     |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 39 ft                                                                                                                                                                                                                                                          | 21 ft | NA    | NA    | NA    | NA    | NA  | NA  | NA  |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NA                                                                                                                                                                                                                                                             | NA    | NA    | NA    | NA    | NA    | NA  | NA  | NA  |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NA                                                                                                                                                                                                                                                             | 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) $K_e = 1.0$ 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. |                                                                                                                                                                                                                                                                |       |       |       |       |       |     |     |     |



| System SL1.5-1A: 1.5" Snap Lock Panel (Minimum 0.032 inch Aluminum)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                     |       |       |       |       |       |       |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-----|-----|
| Slope:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Shall be in accordance with FBC Section 1507.4.2.                                                                                                                                                                                                                                   |       |       |       |       |       |       |     |     |
| Roof Deck:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Minimum 15/32-inch 32/16 span rated, 4-ply, CDX plywood sheathing or wood plank for new and existing roof deck. Deck shall be designed by others in accordance with FBC requirements.                                                                                               |       |       |       |       |       |       |     |     |
| Underlayment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Installed in accordance with FBC Section 1507.1.1.                                                                                                                                                                                                                                  |       |       |       |       |       |       |     |     |
| Attachment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>22 ga. 150-SLRF-22-S clips</b> shall be installed with <b>two (2) #10-12 x min. 1.5" pancake head screws</b> at a maximum <b>12 in. o.c.</b> along the panel seam. Fasteners shall penetrate the deck a minimum 3/8-inch and shall conform with FBC section 1507.4.4 and 1506.6. |       |       |       |       |       |       |     |     |
| Maximum Design Pressures:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>-56 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 | 45 ft | 28 ft | 18 ft | NA  | NA  |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60 ft                                                                                                                                                                                                                                                                               | 60 ft | 33 ft | 17 ft | NA    | NA    | NA    | NA  | NA  |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60 ft                                                                                                                                                                                                                                                                               | 29 ft | NA    | NA    | NA    | NA    | NA    | NA  | NA  |
| Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                     |       |       |       |       |       |       |     |     |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60 ft                                                                                                                                                                                                                                                                               | 60 ft | 43 ft | 25 ft | 15 ft | NA    | NA    | NA  | NA  |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 39 ft                                                                                                                                                                                                                                                                               | 17 ft | NA    | NA    | NA    | NA    | NA    | NA  | NA  |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 15 ft                                                                                                                                                                                                                                                                               | NA    | NA    | NA    | NA    | NA    | NA    | NA  | NA  |
| Zone 3 for Gable Roofs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                     |       |       |       |       |       |       |     |     |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 49 ft                                                                                                                                                                                                                                                                               | 27 ft | 15 ft | NA    | NA    | NA    | NA    | NA  | NA  |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NA                                                                                                                                                                                                                                                                                  | NA    | NA    | NA    | NA    | NA    | NA    | NA  | NA  |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NA                                                                                                                                                                                                                                                                                  | 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) $K_e = 1.0$ 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

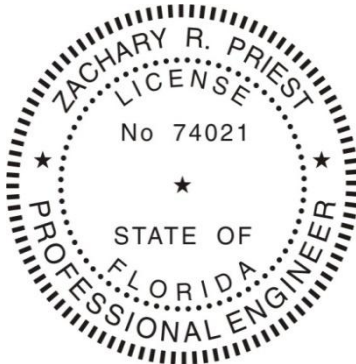
1. This report is not for use in the HVHZ.
2. Fire classification is not within the scope of this evaluation.
3. The roof deck and the roof deck attachment shall be designed by others to meet the minimum design loads established for components and cladding and in accordance with FBC requirements.
4. Reroofing shall be in accordance with FBC Section 1511.
5. 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.
6. All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.



## COMPLIANCE STATEMENT

---

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 6/4/2025.

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



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

2025.06.04  
10:59:47  
-04'00'

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**