

**Product Report****Manufacturer: Southeast American Metal Sales****5884 HWY 41 South****East Brewton, AL 36426****888 656-1882****Florida Product Approval #4822 Metal Roofing****Method: 1-D****Compliant with Florida Building Code 2023 (8<sup>th</sup> ed.)****Compliant with Florida Product Approval Rule # 61G20-3****Compliant Quality Assurance Program: Keystone Certifications****FBC Sections: 1504, 1506, 1507****Product: 29GA or 26GA 3/4" Rib Roof Panel over 15/32" APA Plywood over supports****Yield strength: 80 ksi min.; thru fastened roof panel over 15/32" plywood****Min. 29GA Steel, ASTM A792 or ASTM A653 G90****36" Coverage; Thickness: .0145" min.****Rib Height 3/4" Major Rib @ 9" o.c.****Corrosion Resistant Compliant Fastener #9-15 x 1-1/2" HWH Woodgrip w/ sealing washing or approved equal; 1/8" min. penetration thru plywood.****Underlayment: To be compliant with FBC Sec. Chart 1507.1.1****Slope: Shall be in compliance with FBC Sec. 1507.**

| Install Details: Table A                                 | Allowable Loads  |                                              |
|----------------------------------------------------------|------------------|----------------------------------------------|
| DESIGN PRESSURE*                                         | -84.25 PSF       | -146.0 PSF                                   |
| FASTENER PATTERN                                         | 9"-9"-9"-9"      | 6.5"-2.5"-6.5"-2.5"-6.5"-2.5"-6.5"-2.5"      |
| FASTENER SPACING                                         | 24" O.C.         | 12" O.C.                                     |
| <b>Reference Data:</b>                                   |                  |                                              |
| Force Engineering & Testing, Inc. (TST-5328)             | 141-0314T-09 F&G | UL 580-94 <sup>1</sup> /1897-98 <sup>2</sup> |
| Force Engineering & Testing, Inc. (TST-5328)             | 141-0314T-09 H   | FM 4471-92                                   |
| 1. UL 580-94 test standard is equivalent to UL 580-06.   |                  |                                              |
| 2. UL 1897-98 test standard is equivalent to UL 1897-15. |                  |                                              |
| *Design Pressure includes a safety margin of 2:1         |                  |                                              |

**Limitations:**

1. Underlayment to be compliance with current Florida Building Code (FBC) 2023 8<sup>th</sup> ed.. see Chart 1507.1.1
2. Minimum slope to be compliant with Florida Building Code 2023 8<sup>th</sup> ed., and per with Manufacturer's installation reference.
3. Products are compliant with State of Florida product approval per Rule 61G20-3. Compliance Method: 1-D
4. Engineering analysis for "project specific approval by local authorities w/jurisdiction is allowed by other registered engineers.
5. Fire classification is not part of this acceptance. Shear diaphragm values are outside this report.
6. Support framing in compliance w/FBC 2023 8<sup>th</sup> ed., Chapter 22 Steel, Chapter 23 Wood and Chapter 16 Structural Loading.
7. This report does not imply warranty, installation, recommended product use outside of this report.

**Certificate of Independence:**

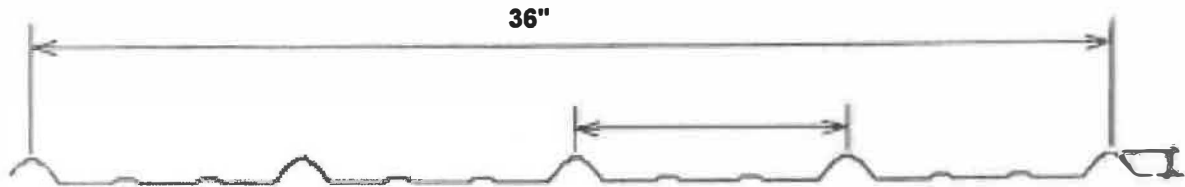
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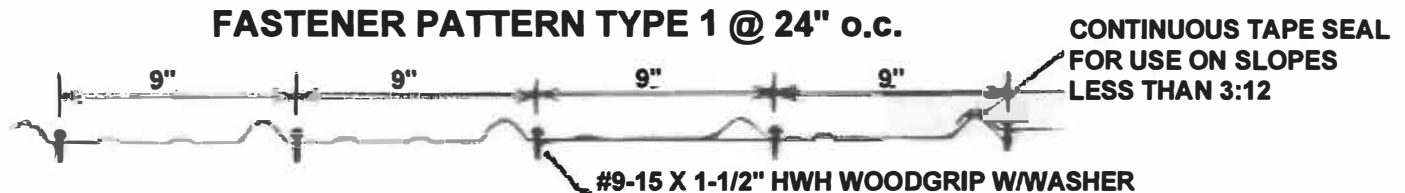
# FL# 4822 SOUTHEAST AMERICAN METAL SALES

## 26GA & 29GA 3/4" RIB PANEL

### INSTALLATION DETAILS



#### FASTENER PATTERN TYPE 1 @ 24" o.c.

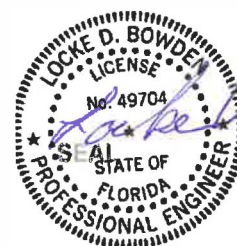


#### FASTENER PATTERN TYPE 2 @ 12" o.c. PANEL ENDS/LAPS



Roof Slopes 2:12-6:12 Gable or Hip ≤20'-0" HT Wind Speeds 130-160 Category C Enclosed Building

| 26GA & 29GA 3/4" RIB PANEL FASTENER SPACING |              |               |                   |                   |                   |                   |
|---------------------------------------------|--------------|---------------|-------------------|-------------------|-------------------|-------------------|
| ZONE                                        | FASTENER     | SUBSTRATE     | WIND SPEED ZONE   |                   |                   |                   |
|                                             |              |               | 130               | 140               | 150               | 160               |
|                                             |              |               | ON CENTER SPACING | ON CENTER SPACING | ON CENTER SPACING | ON CENTER SPACING |
| ZONE 1                                      | #9-15-1-1/2" | 1502" PLYWOOD | 24" TYPE 1        | 24" TYPE 1        | 24" TYPE 1        | 24" TYPE 1        |
| ZONE 2                                      | #9-15-1-1/2" | 1502" PLYWOOD | 24" TYPE 1        | 24" TYPE 1        | 24" TYPE 1        | 24" TYPE 1        |
| ZONE 3                                      | #9-15-1-1/2" | 1502" PLYWOOD | 12" TYPE 2        | 12" TYPE 2        | 12" TYPE 2        | 12" TYPE 2        |



*Locke D. Bowden*  
8/16/24