

**FLORIDA PRODUCT APPROVAL  
FL #12019.3**

**STONE METALS, LLC.**

**4021 SOUTH FRONTAGE ROAD  
PLANT CITY FL 33466**

**PRODUCT: 26GA STEEL SNAP LOCK OVER PLYWOOD**

**Compliant with Florida Building Code 2017 (6<sup>th</sup> ed.)  
Compliant with Florida Product Approval Rule # 61G20-3  
Compliant Active Quality Assurance Program**

**NON-HVHZ**

**Product: Min. 26GA Steel 1.5" Snap Lock Roof Panel FBC Sec. 1507.4.2**

**Yield strength: 50ksi      15.5" Coverage (Max.)      Rib Height 1-1/2"  
Minimum 15/32" plywood over supports at maximum 24" O.C. Design of plywood  
and plywood supports are outside the scope of this evaluation. Must be designed  
in accordance w/ Florida Building Code 2017.**

**3/4" penetration thru plywood supports 24" max. o.c.**

**Corrosion Resistant Compliant: FBC Sec. 1507.4.3**

**Fastener: (2) #10 panclip fasteners per clip**

**Clip: 3" Long 24GA Steel clip spaced @ 12" O.C.**

**Underlayment: To be compliant with FBC Sec. 1507, Chart 1507.1.1**

**Slope: Shall be in compliance with FBC Sec. 1507.**

**Install Details: Table A      Allowable  
Loads**

**Method 1:**

**DESIGN PRESSURE\***

**-86 PSF**

**SPACING**

**12" O.C.**

**Reference Data:**

**Intertek Testing (TST-1527)**

**REPORT # I7226.04-450-44 R0**

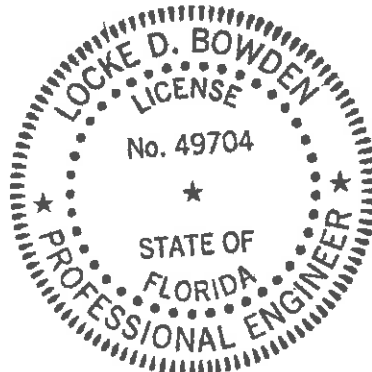
**UL 580-06**

**\*Design Pressure safety margin of 2:1**

**Certificate of Independence:**

**Locke Bowden, P.E. does not have, nor will acquire a financial interest in any company manufacturing or distributing products under this evaluation.**

**Locke Bowden, P.E. is not owned, operated, or controlled by any company, manufacturer, or distributing products under this report.**



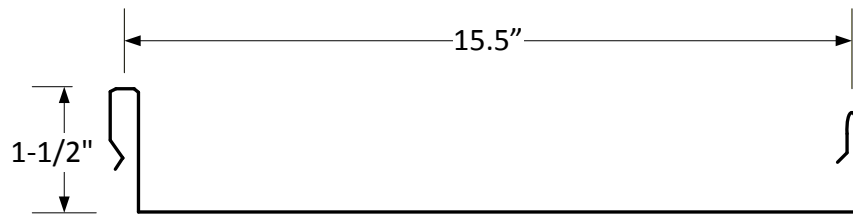
*Locke D Bowden*  
8/8/19  
**LOCKE BOWDEN, P.E.  
FL REG. NO. 49704**

# STONE METALS, LLC. 1.5 Snap Lock Roof Panel Installation Details

## Limitations:

1. Underlayment to be compliance with current Florida Building Code (FBC)2017 6<sup>TH</sup> ed.. see Chart 1507.1.1
2. Minimum slope to be compliant with Florida Building Code 2017 6<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 2017 6<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.

## PROFILE



## FASTENER PATTERN

