# ENGINEERED METAL ROOFING SYSTEMS

# SMI 1.5" Mechanical Seam Standing Seam

#### **Panel Information:**

Panel Type: Standing Seam
Panel Seam: Mechanical
Panel Width: 16"
Seam Height: 1.5"

Panel Material: 22 GA - 24 GA Min, .032 - .040
Panel Surface: Smooth / Embossed Optional
Panel Clip: Required Per Engineering

Minimum Slope: 2/12

Substrate: Plywood, B-Deck w/ISO

## **Panel Testing:**

Uplift Resistance: UL 580, UL 1897, UL 90

Air Infiltration: ASTM E 1680
Wind Driven Rain: TAS 100
Water Penetration: ASTM E 1646
Water Submersion: ASTM E 2140

Hail Rating: Class 4 Impact UL 2218

Fire Rating: UL Class A

Texas Department of

Insurance Approval: RC-386\*, RC-395\*, RC-397\*

FBC HVHZ & Non-HVHZ

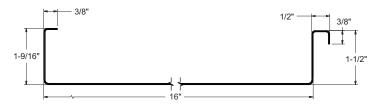
Approval: FL18316

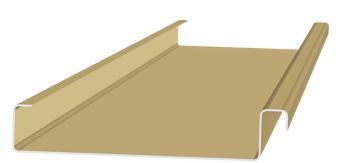
### **Panel Notes:**

- With this panel engineering, you may opt to use heavier gauge coil and narrower width panels. Clip spacing will not change.
- For slopes lower than a 2/12 roof pitch, contact SMI
   Technical Department for further installation requirements.
- This panel uses a 20" coil. Maximum width coil of 20".
- This panel uses 4" of material to form the panel.
- If you take the square footage of the roof and multiply that by 1.25, the total will be the amount coil needed to manufacture the panels.
- Clip Relief, Bead Ribs, Striations, and Pencil Ribs do not affect the engineering or function.
- This panel is approved for Weathertight Warranties.
  - \* Available in steel only.











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