## Engineered Metal Roofing Systems

# SMI 1.5" Mechanical Seam Standing Seam

#### **Panel Information**

Panel Type: Standing Seam
Panel Seam: Mechanical
Panel Width: 16" Max
Seam Height: 1.5"
Panel Material: 24 GA Min

Panel Surface: Smooth/Embossed Optional Panel Clip: Required Per Engineering

Minimum Slope: 2/12

Substrate: Plywood, B-Deck, B-Deck w/ISO



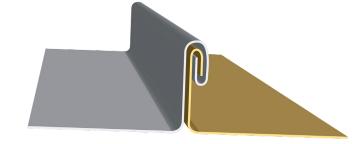
### **Panel Testing**

Uplift Resistance: UL 580, UL 1897, UL 90

Air Infiltration: ASTM E 1680
Water Penetration: ASTM E 1646
Water Submersion: ASTM E 2140

Hail Rating: Class 4 Impact UL 2218

Fire Rating: UL Class A



1/2 [12.7]" +1/32" -0 [+.8 -0]

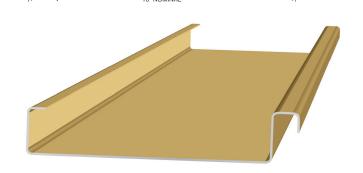
3/8 [9.5]" +0 -1/32" [+0 -.8]

R3/32 [2.3]

1 9/16 [39.7]

#### **Panel Notes**

- With this 24 GA, 16" wide 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 direction and 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.
- This panel is approved for Weathertight Warranties.





CLEVELAND: 800.283.5262 ATLANTA: 800.929.9359 DALLAS: 877.853.4904 DENVER: 877.375.1477 SAN JOSE: 408.916.3262 www.sheffieldmetals.com