

# 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



### 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.

