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*

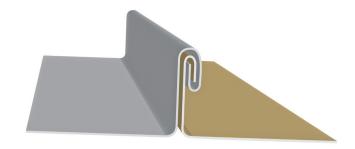
FBC HVHZ & Non-HVHZ

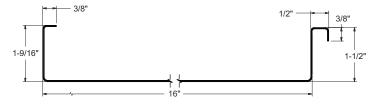
Approval: FL18316

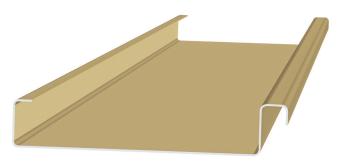
Panel Notes:

- 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.
- Maximum coil width for engineered systems is 20."
- This panel uses 4" of material to form the panel.
- Divide the coil width by the panel width to determine your roof multiplier. Take the square footage of the roof and multiply that by the roof multiplier to determine the amount of coil needed to manufacture the panels. This does not include estimated waste.
- 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.











CLEVELAND: 800.283.5262
ATLANTA: 800.929.9359
DALLAS: 877.853.4904
DENVER: 877.375.1477
LA MIRADA: 562.383.9800
sheffieldmetals.com