MICHIGAN METAL ROOFING

Mechanical Seam 1½"

MECHANICAL SEAM STANDING SEAM PANEL

TECHNICAL INFORMATION SHEET

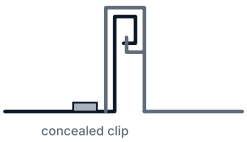
Mechanical Seam 1½" is an architectural standing seam panel seamed shut on the roof and held down with floating concealed clips that let the panel move with temperature. Our most weather-tight system, rated down to a 1 : 12 slope.

1½"	12" / 16" / 18"	1 : 12	24 / 26
SEAM HEIGHT	COVERAGE	MIN. SLOPE	GAUGES

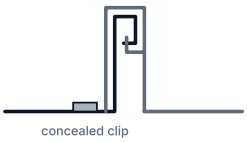
PANEL PROFILE MEASUREMENTS

Model	A | Coverage	B | Seam Height	C | Actual Width
12" Panel	12"	1½"	12 3/8"
16" Panel	16"	1½"	16 3/8"
18" Panel	18"	1½"	18 3/8"

PANEL INTERLOCKING



Mechanical Seam
Standard seam method



Vice Lock Seam
For low-slope roofs

PANEL PROFILE OPTIONS

Flat
Can show oil-canning on long runs

Minor Striations

Major Striations
*Recommended

PANEL DATA

Min. Panel Length	36"	**Gauge Options**	24 / 26
Max. Panel Length	50' / Custom	**Tapered Panels**	Yes [standard]
Min. Required Slope	1 : 12	**Radiused Panels**	Yes [standard]
Fastening	Floating concealed clips	**Stiffening Ribs**	Yes [optional]
Standard Surface	Smooth	**Profile Options**	Flat / Minor / Major Striations

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PANEL GAUGE / COLOR / WARRANTY OPTIONS

Material	Gauge	Colors	Included Warranties	Optional Warranties
Galvalume® Steel	26	SMP Colors - Premium Textured, Premium Smooth, Architectural Expressions	40-Yr Limited Lifetime Finish + *10-Yr Weather Tight	*15-Yr Weather Tight / *20-Yr Weather Tight
Galvalume® Steel	24	PVDF Colors - chart **PENDING**	40-Yr Limited Lifetime Finish + *10-Yr Weather Tight	*15-Yr Weather Tight / *20-Yr Weather Tight

*Weather Tight Warranties must be registered within 30 days of roof completion. Optional terms: 15-Yr $0.15 / sq ft, 20-Yr $0.25 / sq ft. See the Michigan Metal Roofing Limited Lifetime and Weather Tight Warranty documents for full terms.

WEATHER TIGHT WARRANTY OPTIONS

INCLUDED

10 Year

No cost. Available on every Michigan Metal Roofing system.

OPTIONAL

15 Year

$0.15 / sq ft. Snap-Lock and Mechanical Seam systems.

OPTIONAL

20 Year

$0.25 / sq ft. Mechanical Seam only.

METAL SPECIFICATIONS & PAINT FINISHES

PENDING Coil specifications (substrate, thickness per gauge, steel grade, coating weight and paint system) are coming from our coil supplier and will be added here.

STORAGE & HANDLING

Store panels in a dry, well-ventilated place. Moisture trapped between stacked panels - rain, snow or condensation - causes water staining and white rust, which shortens the life of the panel and ruins its appearance.

If panels have to be stored outside, cover them with a breathable tarp or waterproof paper, never plastic. Keep them off the ground on wood, tilted slightly so water drains. Protective film breaks down in direct sun - remove it promptly.

GENERAL USE & PRECAUTIONS

- Install in a sequential pattern.
- An approved underlayment is recommended over a solid deck.
- Install per industry-recognized sheet metal practice.
- Cut, form and fasten with conventional hand or power tools. Keep cutting edges sharp and aligned.
- Do not cut with power saws or abrasive blades.
- Panels are pre-finished - handle with care and never drag panels across each other.
- Remove protective film from concealed or joined areas before assembly.
- Not for areas of high abrasion or mechanical damage.

This sheet highlights Michigan Metal Roofing products and specifications and is subject to change without notice. Michigan Metal Roofing is responsible for providing quality materials that meet its published product specifications. Neither Michigan Metal Roofing nor its representatives practice architecture or engineering, and Michigan Metal Roofing offers no opinion on and disclaims any responsibility for the soundness of any structure. Consult a qualified structural engineer before installation if the structure's ability to support the planned installation is in question. No Michigan Metal Roofing representative is authorized to vary this disclaimer.