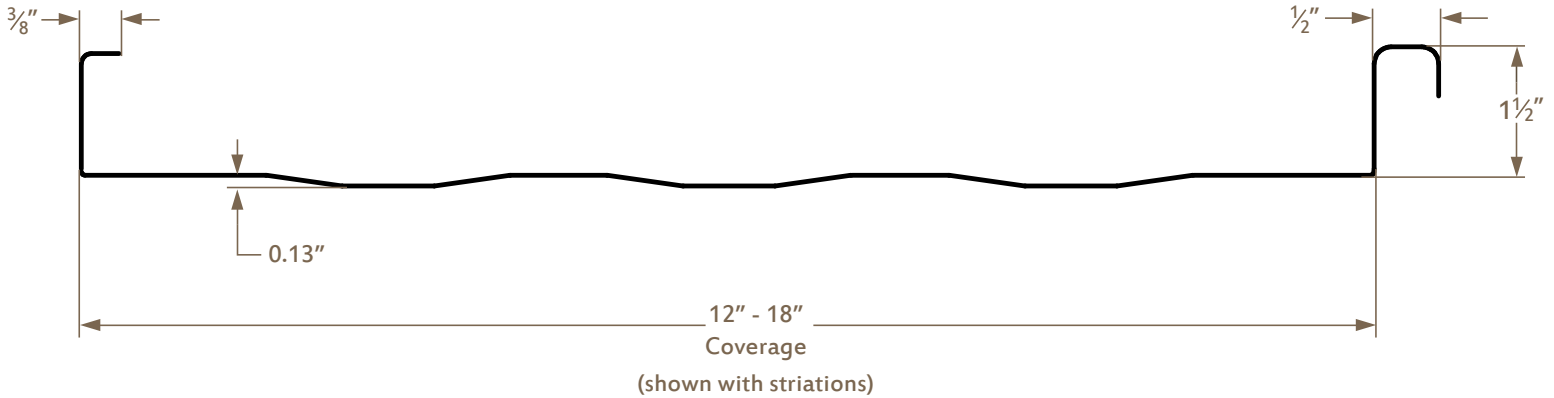


**METALLION  
INDUSTRIES**

# MI 150

## Mechanically Seamed Roof Panel



**RESIDENTIAL**

**CONCEALED  
FASTENERS**

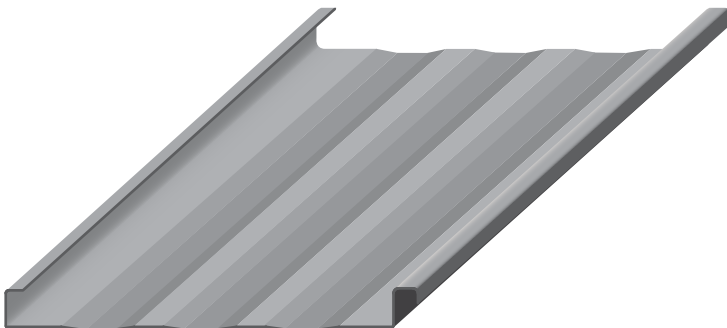
**16" COVERAGE**

**MINIMUM SLOPE  
1:12**

**OPEN FRAMING/  
SOLID SUBSTRATE**

### PANEL DESCRIPTION

- Applications: Commercial, Residential, and Light Industrial
- Conditions may require side lap butyl sealant
- Limited 40-year warranty paint
- Finishes on 26 gauge: 11 standard SMP colors – 16" Coverage
- Finishes on 24 gauge: 10 standard PVDF colors – 16" Coverage
- Corrosion Protection on Substrate:
  - AZ-50 (ASTM A792) for painted Galvalume®
  - G-60 (ASTM A653) for painted Galvanized
  - G-90 (ASTM A653) for PVDF painted 24 gauge
- Sheet lengths: One inch increments to any length
- Optional: 22 gauge steel, custom colors, and pre-painted aluminum
- For color availability, cool roof specs, and other panel info, please see our website: [www.metallionindustries.com](http://www.metallionindustries.com)



### TESTING DATA



- UL 2218 Impact Resistance
- UL 790, 263 Fire Resistance
- UL 580 Uplift Resistance

### MI 150 PANEL

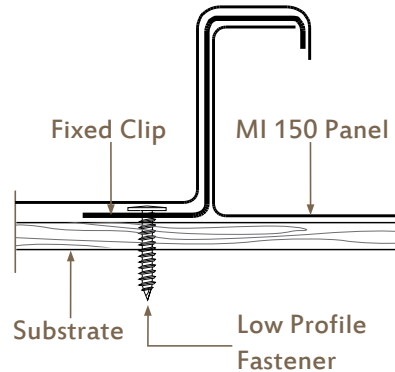
#### CLIP & FASTENER INFORMATION

Fasten Clip to Wood using:  
#10-9 Low Profile Wood Screw

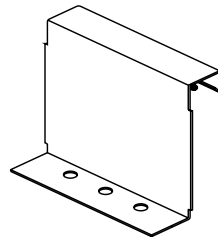
Fasten Clip to Steel using:  
#12-14 Low Profile Drill-Tip Screw

Types of clips vary according to installation and application needs. Floating clips accommodate thermal expansion and contraction.

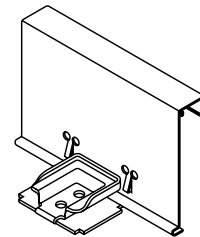
Screw thread should protrude no less than 1/4" through the substrate.



### UL PANEL CLIP



Fixed Clip



Floating Clip

MI150 Allowable Loads (lbs/ft <sup>2</sup> ) per span			Wind Load Factor = 1.0 (not increased 33%)										
Ga	Span	Load Type	2'	2.5'	3'	3.5'	4'	4.5'	5'	5.5'	6'	6.5'	7'
24	Single	L/180	207	132	92	67	51	40	32	26	22	19	16
		L/240	207	132	92	67	51	40	32	26	21	16	13
		L/360	207	132	92	67	46	32	24	18	14	11	9
	Double	L/180	207	132	92	67	51	40	32	26	22	19	16
		L/240	207	132	92	67	51	40	32	26	22	19	16
		L/360	207	132	92	67	51	40	32	25	19	15	12
	Triple	L/180	228	148	104	77	59	46	37	31	26	22	19
		L/240	228	148	104	77	59	46	37	31	26	22	19
		L/360	228	148	104	77	59	46	37	31	26	20	16

24 gauge has .0236" min Substrate Thickness, 50 KSI Tensile (UL)

Panel Width: 16", ASTM A653

Loads are averages from similar products with design loads meeting AISI specifications

**Oil Canning:** Flat metal surfaces can display waviness, commonly referred to as "oil canning", which is an inherent characteristic of steel. "Oil canning" is not a defect and therefore not an acceptable reason for rejection.