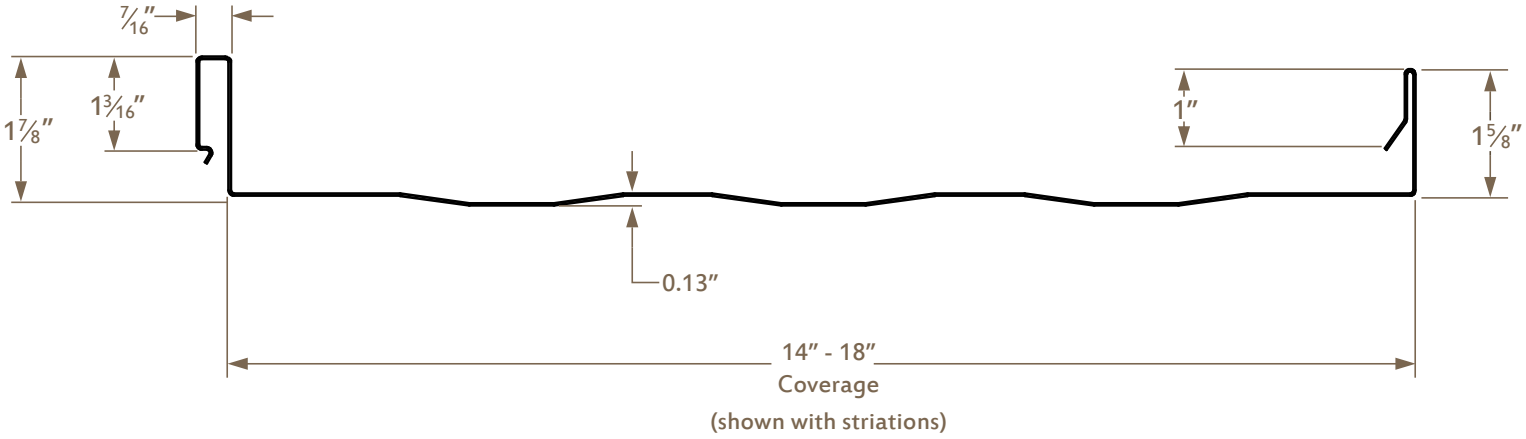
METALLION INDUSTRIES

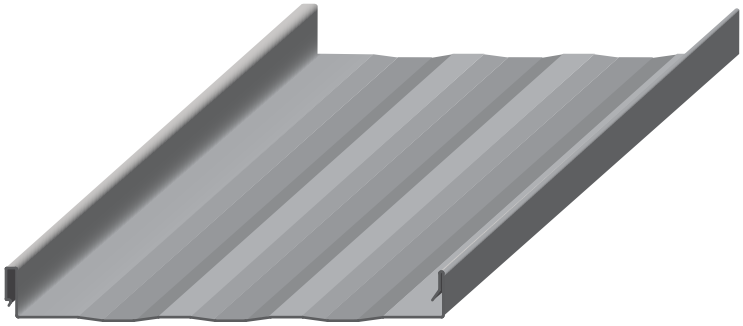
CLIPLOC
Roof Panel



AGRICULTURAL/ COMMERCIAL | CONCEALED FASTENERS | 17 5/8" COVERAGE | MINIMUM SLOPE 2:12 | OPEN FRAMING/ SOLID SUBSTRATE

PANEL DESCRIPTION

- Applications: Commercial, Industrial, Agricultural, and Residential
- Limited 40-year warranty paint
- Finishes on 24 ga: 10 standard PVDF colors
- 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: 26 or 22 gauge steel, custom colors, and pre-painted aluminum
- Installation utilizes a clip that allow for expansion and contraction
- For color availability, cool roof specs, and other panel info, please see our website: www.metallionindustries.com



TESTING DATA

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

OFFICE (503)630-7740 **FAX** (503)630-7770 www.metallionindustries.com
850 NW Park Ave. Estacada, OR 97023 Open Weekdays 8:00-5:30 PST

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CLIP & FASTENER INFORMATION

Fasten Clip to Wood using:

#10-9 Low Profile Wood Screw

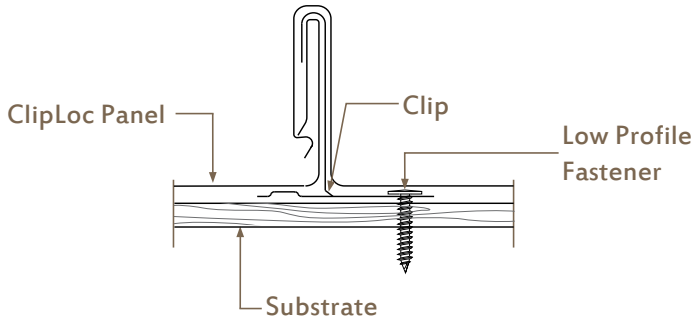
Fasten Clip to Steel using:

#12-14 Low Profile Drill-Tip Screw

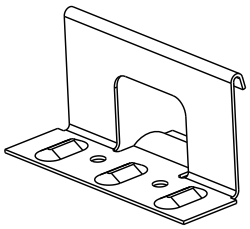
Types of clips vary according to installation and application needs. Clips accommodate thermal expansion and contraction.

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

PANEL FASTENING



UL PANEL CLIP



Utilizes Two Fasteners

Clip Loc Allowable Loads (lbs/ft²) 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	205	131	90	66	50	39	32	26	22	18	16
		L/240	205	131	90	66	50	39	32	26	22	18	16
		L/360	205	131	90	66	50	39	30	23	18	14	11
	Double	L/180	205	131	90	66	50	39	32	26	22	18	16
		L/240	205	131	90	66	50	39	32	26	22	18	16
		L/360	205	131	90	66	50	39	32	26	22	18	16
	Triple	L/180	231	149	104	76	58	46	37	30	25	21	18
		L/240	231	149	104	76	58	46	37	30	25	21	18
		L/360	231	149	104	76	58	46	37	30	25	21	18

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

Panel Width: 18", 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.

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