

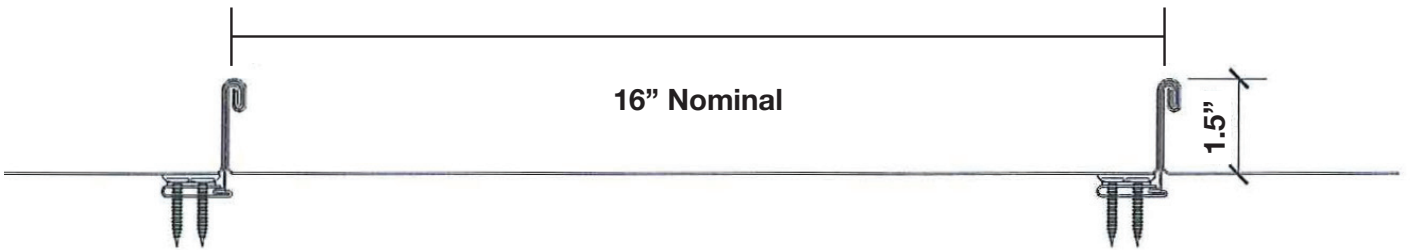
# MAPI Standing Seam 1.5" Mechanical Lock Panel



## Product Description:

- Classic Architectural Standing Seam Metal Roofing System
- Ideal for residential and light commercial applications
- Specially designed clip allows thermal movement
- Tested panel for rated assemblies achieves high performance levels
- Mechanical locked seam for long-term weather tight performance
- Excellent for roofing installation requiring exotic metals such as copper & terne

1.5" Mechanical Lock Panel • Max width 16.3" • Double Lock 180 Degree Seam fastened with (2) #10-12 x1" long No. 2 Phillips drive pancake head, wood screws • Floating Clip Assembly ML150R Clip fastening metal to panel to min. 0.46875" plywood decking • Maximum 24" clip spacing • Panel Rollformer: Schleich Quadro-Plus Rollformer • Maximum Allowable Roof Uplift Pressure (steel): -59.75 psf Main Field @ 24" Clip Spacing • Perimeter and Corner Pressure -123.5 psf @ 6" Clip Spacing • Oil Canning is a characteristic of light gauge architectural metals and is not a flaw and therefore is not a cause for rejection.



## Design information:

- Minimum Slope = 1.5":12"
- Actual Panel Width: 16.3" From 20" Coil
- Solid Substrate Required
- Architectural, Hydrokinetic Panel
- Mechanically Seamed in the Field
- 24 Gauge Galvalume Plus
- .032 & .040 Aluminum
- 30 Year Finish Warranty on Kynar 500 Finish
- Weather Tight Warranty Available
- Underlayment Required

## Test Report Summary:

- Florida Building Code 2020
- Chapter 15: Roof Assemblies
- Section 1504.3.2; 1505.3; 1507.4
- Chapter 16: Structural Design
- Chapter 22: Steel; Section 2209 Cold Form Steel
- Chapter 23: Wood
- Testing per TAS 125-03 Std. Requirements for Metal Roof Systems
- Test Assembly #6 by Underwriters Laboratory for:
  - a) UL 580-94, per FBC, Uplift Resistance of Roof Assemblies
  - b) UL 1897-98, per FBC, Uplift Tests for Roof Covering Systems
- Testing per TAS 100 Wind Driven Rain Test
- FPA 18525.2 - HVHZ - 24ga
- FPA 18525.1 - HVHZ - .032 Aluminum