

# ML200

# 2" Mechanical Lock Panel

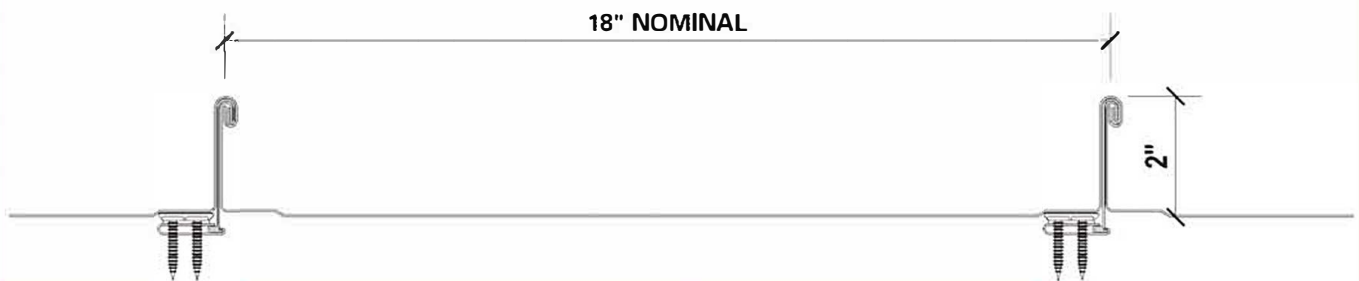
## PRODUCT DESCRIPTION

- Structural Standing Seam Metal Roofing System
- Commercial profile for multiple deck and slope applications
- Combines optimum performance with excellent value
- Specially designed clip allows thermal movement
- Tested panel for rated assemblies achieves higher performance levels
- Mechanical locked seam for long-term weather tight performance

2" Mechanical Lock Panel; max width 18.75"; Double Lock 180 Degree Seam fastened with (2) #12/14 Quadrex drive pancake head, Self Tapping screws; Floating Clip Assembly ML200R Clip fastening metal to panel through Dens Deck Sheathing & Insulation to underlying Steel Decking or over open framing; maximum 24" clip spacing; Panel Rollformer: Schleich Quadro-Plus Rollformer; Maximum Allowable Roof Uplift Pressure (steel): -54.3 psf Main Field @ 36" Clip Spacing; Perimeter and Corner Pressure -153.5 psf @ 6" Clip Spacing; *Oil Canning is not a Cause for Rejection*



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## DESIGN INFORMATION

- Minimum Slope = 3/4":12"
- Actual Panel Width: 18.75" from 24" Coil
- Solid Substrate or Open Framing (max. 5' OC)
- Structural, Hydrostatic Panel
- Mechanically Seamed in the Field
- 24 and 26 Gauge Galvalume®
- .032" Aluminum
- 16oz Copper
- 30Year Finish Warranty on Kynar 500 Finish
- Weather Tight Warranty Available
- Underlayment Required with Solid Substrate

## TEST REPORT SUMMARY

- Florida Building Code 2007
- 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 #9864.1-R1 – Non HVHZ – 24ga
- FPA #9895.1-R1 – HVHZ – 24ga
- FPA #10719.1-R1 – HVHZ .032" Aluminum