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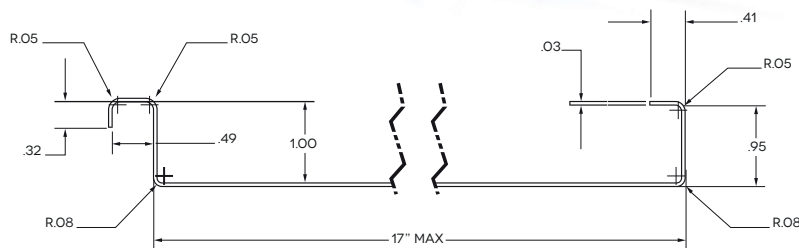


# ML-100

## 1" MECHANICAL LOCK

# ML-100 1" MECHANICAL LOCK

## STANDING SEAM SYSTEMS



The **Mechanical Lock** features structural performance as well as architectural aesthetics in **ML-100** (1" High). Can be formed on site for all substrates. Concealed fasteners with a fixed and floating clip system reduce the effect go thermal stresses on the panels, helping to maintain a beautifully smooth, uniform appearance despite fluctuations in temperature

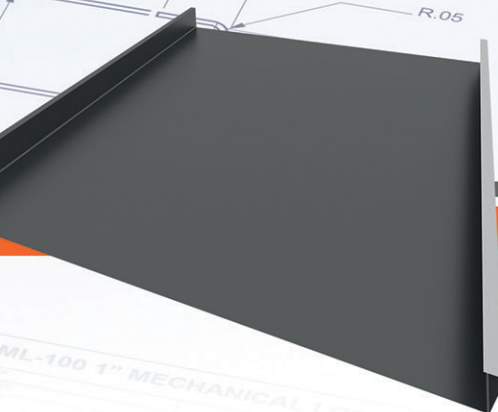
**ML-100** is a mechanically field-seamed, vertical leg standing seam roof system that combines a 1" tall slim rib with exceptional uplift resistance. It is available in 17-inch MAX width. **ML-100** has been designed to withstand the most rigorous weather conditions.

## Features

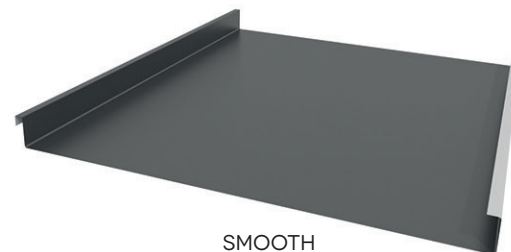
- 24 GA steel.
- Colors available on standard, premium and metallic.
- Coverage 17" MAX.
- On site factory made.
- Available in smooth, striated and stiffener ribs.
- UL Construction Numbers: TGKX575, TGKX602
- Uplift resistance of prepared roof-covering materials is UL2218 Class 90.
- Impact resistance of prepared roof-covering materials UL2218 Class 4.
- Fire tests of roof coverings UL790. External fire exposure.
- TDI Texas approved.

## Product Specifications

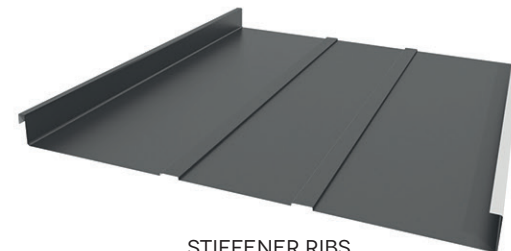
- **Applications:** Roof
- **Coverage Widths:** 17" MAX.
- **Minimum Slope:** 1/2:12
- **Panel Attachment:** Standing Seam System, clip fixed.
- **Gauges:** 24 (standard); 22 and 26 (optional)
- **Finishes:** Smooth, Striated and Stiffener Ribs.
- **Coatings:** Galvalume®, Durapon 70®, Ceranamel®.



SMOOTH



STIFFENER RIBS



STRIATIONS

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 ROOF AND WALL SYSTEMS  
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# ML-100

## 1" MECHANICAL LOCK



CATEGORY	CHARACTERISTIC	TEST METHOD	PURPOSE	RESULT
ENVIRONMENTAL	Impact Resistance	UL 2218	Determines Impact Resistance of prepared Roof Covering Materials	CLASS 4 RAITING
FIRE RESISTANCE	Room Fire Performance	UL 790	Standard for Standard Test Methods for Fire Tests of Roof Coverings	CLASS A FIRE RATING
	Room Fire Performance	UL 263	Standard for Standard Test Methods for Fire Tests of Roof Coverings	For use in Design Nos. TGKX575, TGKX602



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