

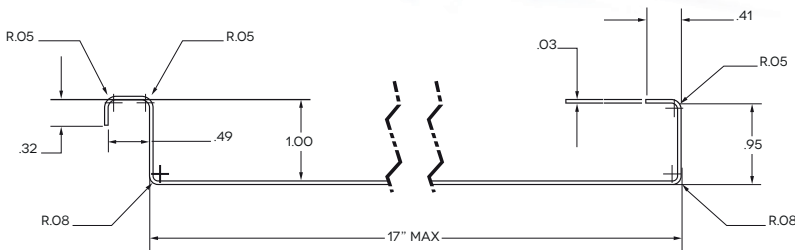


AIA



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

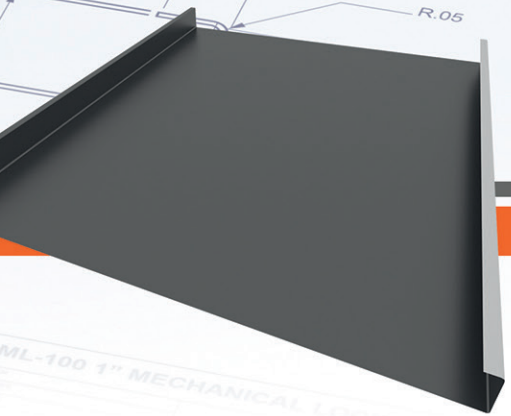
ML-100 is a mechanically field-seamed, vertical leg standing seam roof system that combines a 1" tall slim rib with exceptional uplift resistance. It is available in 17-inch MAX width. **ML-100** has been designed to withstand the most rigorous weather conditions.

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

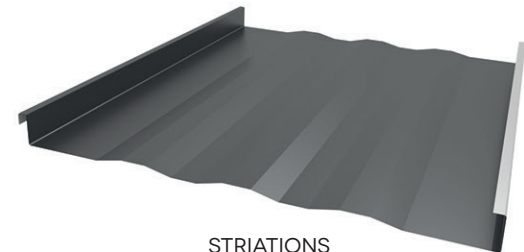
- **Applications:** Roof
- **Coverage Widths:** 17" MAX.
- **Minimum Slope:** 1/2:12
- **Panel Attachment:** Standing Seam System, clip fixed.
- **Gauges:** 24 (standard); 22 and 26 (optional)
- **Finishes:** Smooth, Striated and Stiffener Ribs.
- **Coatings:** Galvalume®, Durapon 70®, Ceranamel®.



SMOOTH



STIFFENER RIBS



STRIATIONS

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San Antonio • 2707 Castrovilla Rd • San Antonio, TX 78237 • (210) 227-7276 • Fax (210) 227-0329
McAllen • 2221 Austin Ave • McAllen, TX 78501 • (956) 627-2966 • Fax (956) 627-0918
Dallas • 2515 Willowbrook Rd 100 • Dallas, TX 75220 • (972) 331 6800 • Fax (972) 331 6803
Houston • 6460 Langfield Road • Houston, TX 77092 • (713) 944-4480 • Fax (713) 944-4430

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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