



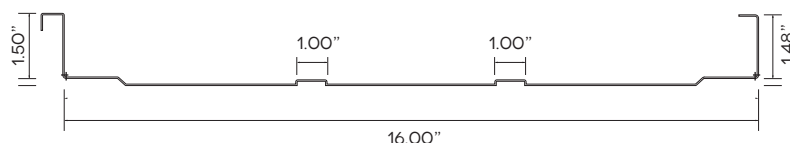
AIA



ML-150 1.5" MECHANICAL LOCK

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STANDING SEAM SYSTEMS



The **ML-150** Mechanical Lock (1.5" High Standing Seam) features structural performance as well as architectural aesthetics. **ML-150** Panels can be factory formed and/or fabricated, for all substrates, at project locations. Utilizes concealed fasteners with a fixed and/or floating clip system. The floating clip system reduces the effects of thermal stresses on the panels helping to maintain a beautifully smooth, and uniform appearance, despite fluctuations in temperature.

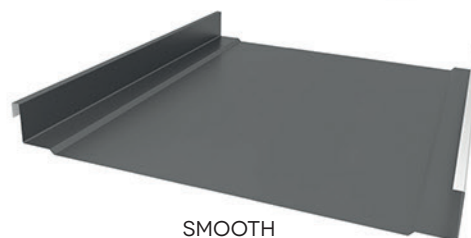
ML-150 Mechanical Lock Panel is a mechanically seamed, vertical leg, standing seam roof system that combines a 1.5 inch tall slim rib with exceptional uplift resistance. **ML-150** Panels are designed to withstand the most rigorous weather conditions. The **ML-150** Panel is available in a 16-inch width and allows for the installation directly over purlins and bar joists.

Features

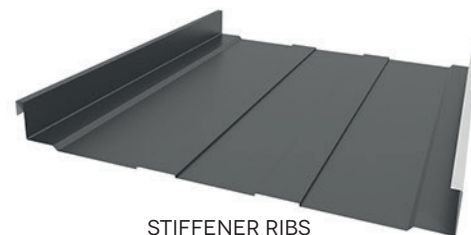
- 24 GA steel
- Colors available on standard, premium and metallic.
- Coverage 16" .
- On site factory made.
- Available in smooth, striated and stiffener ribs.
- UL Construction Numbers: TGKX5549.
- Uplift resistance of prepared roof-covering materials is UL2218 Class 90.
- Impact resistance of prepared roof-covering materials UL2218 Class 4.
- Fire tests of roof coverings UL790. External fire exposure.
- TDI Texas approved.

Product Specifications

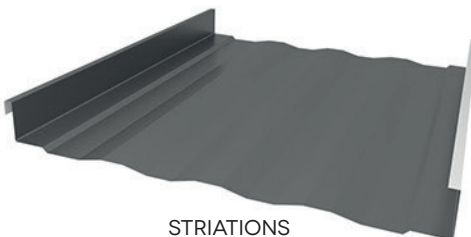
- **Applications:** Roof
- **Coverage Widths:** 16"
- **Minimum Slope:** 1/2:12
- **Panel Attachment:** Standing Seam System, Clip (fixed or floating).
- **Gauges:** 24 (standard); 22 and 26 (optional)
- **Finishes:** Smooth, Striated and Stiffener Ribs.
- **Coatings:** Galvalume®, Durapon 70®, Ceranamel®.



SMOOTH



STIFFENER RIBS



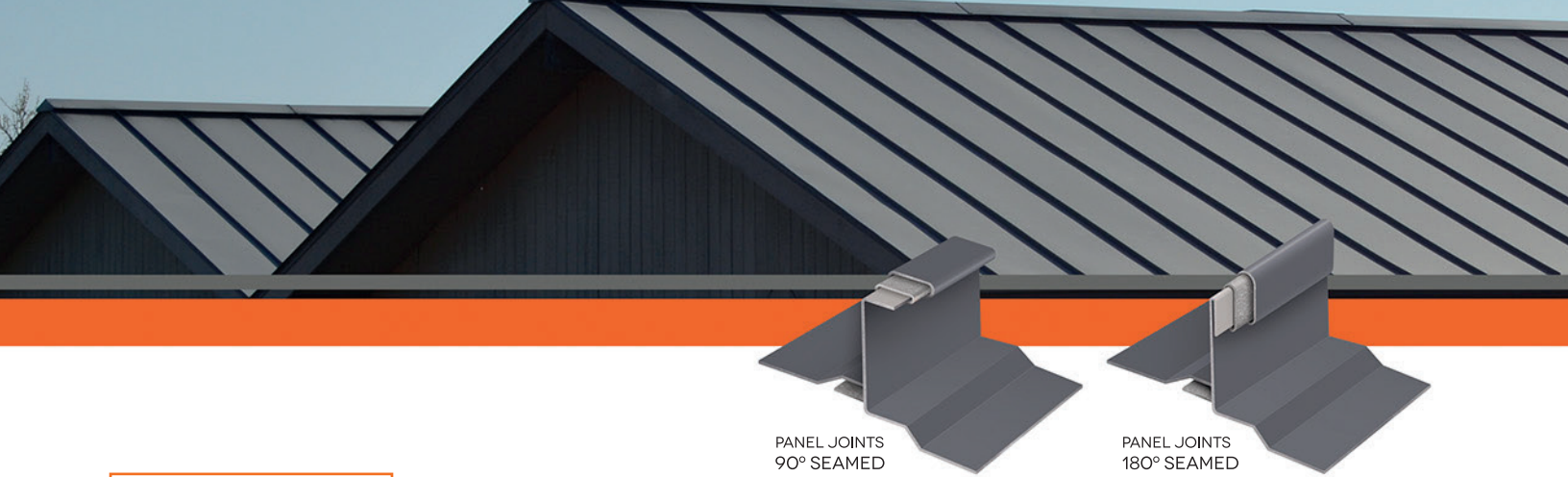
STRIATIONS



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PANEL JOINTS
90° SEAMED

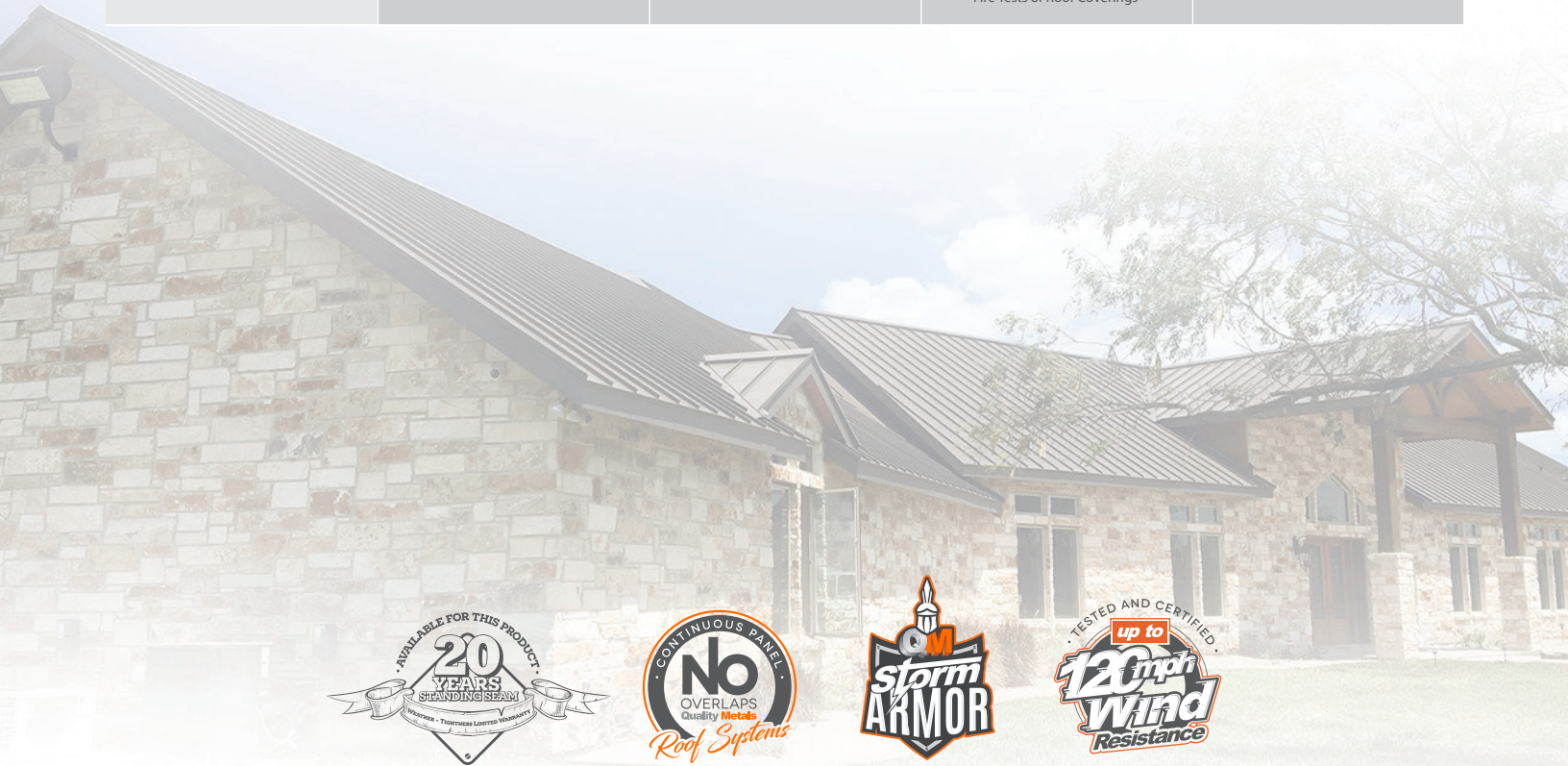
PANEL JOINTS
180° SEAMED

ML-150

1.5" 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. TGKX554



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