

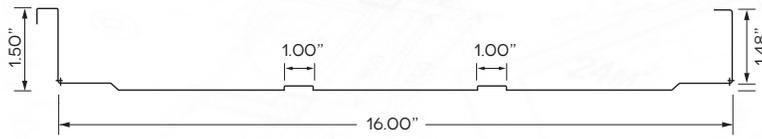


1.5" Mechanically field seamed, high strength Standing Seam Roof System.

ML-150

1.5 MECHANICAL LOCK

WEATHER TIGHTNESS
WARRANTY PROGRAM
AVAILABLE FOR THIS PRODUCT



The **ML-150 Mechanical Lock (1.5" High Standing Seam)** features structural performance and architectural aesthetics. The **ML-150** can be manufactured on job sites for various substrates and uses concealed fasteners with a fixed and/or floating clip system. The floating clip system reduces the effects of thermal stresses on the **ML-150** panel system, maintaining a unique smooth, 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" tall slim rib with exceptional uplift resistance and is available in a 16-inch width and allows for the installation directly over purlin and bar joists.

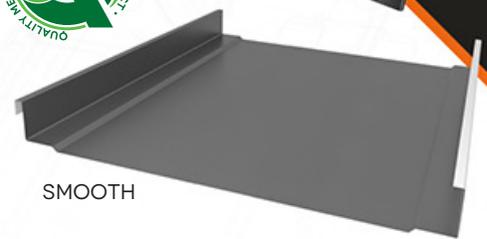
ML-150 Panels are designed to withstand the most rigorous weather conditions.

FEATURES

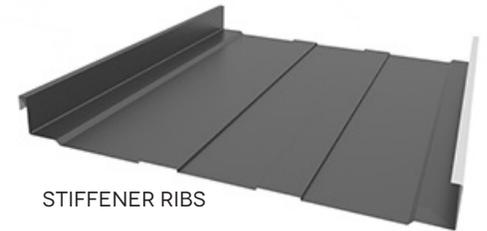
- 24 GA steel.
- Colors available on standard, premium and metallic.
- Curved available.
- On site or factory made.
- Available in smooth, striated and stiffener ribs.
- **UL Construction Number: TGKX5549.**
- Uplift resistance of prepared roof-covering materials **UL 580 Class90.**
- Impact resistance of prepared roof-covering materials **UL2218 Class 4.**
- Fire tests of roof coverings **UL 790. Class A, B, C.** External fire exposure.
- **TDI Approved.**

PRODUCT SPECIFICATIONS

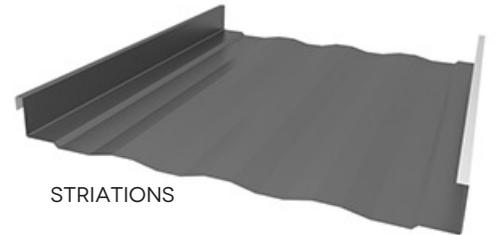
- **Applications:** Roof and Wall
- **Coverage Widths:** 16"
- **Minimum Slope:** 1/2:12
- **Panel Attachment:** Standing Seam System, clip fixed and floating.
- **Gauges:** 24 (standard), 22 and 26 (optional)
- **Coatings:** Galvalume®, Storm Armor (Durapon 70®, Ceraname!®).
- **Substructure:** Plywood or OSB to be a nominal 5/8 inch thick, Open Framing and Metal Decking.



SMOOTH



STIFFENER RIBS



STRIATIONS



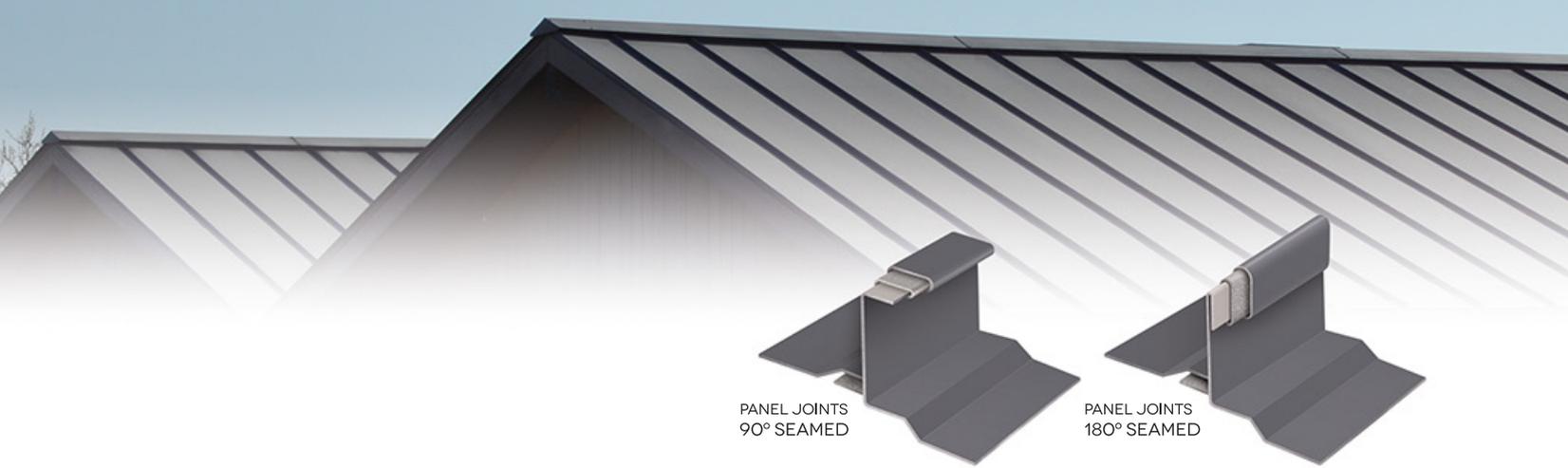
CURVED

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STANDING SEAM
ROOF SYSTEMS

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DALLAS 11569 Goodnight Lane • Dallas, TX 75229 • (972) 331 6800 • Fax (972) 331 6803
HOUSTON 6460 Langfield Road • Houston, TX 77092 • (713) 944-4480 • Fax (713) 944-4430



PANEL JOINTS
90° SEAMED



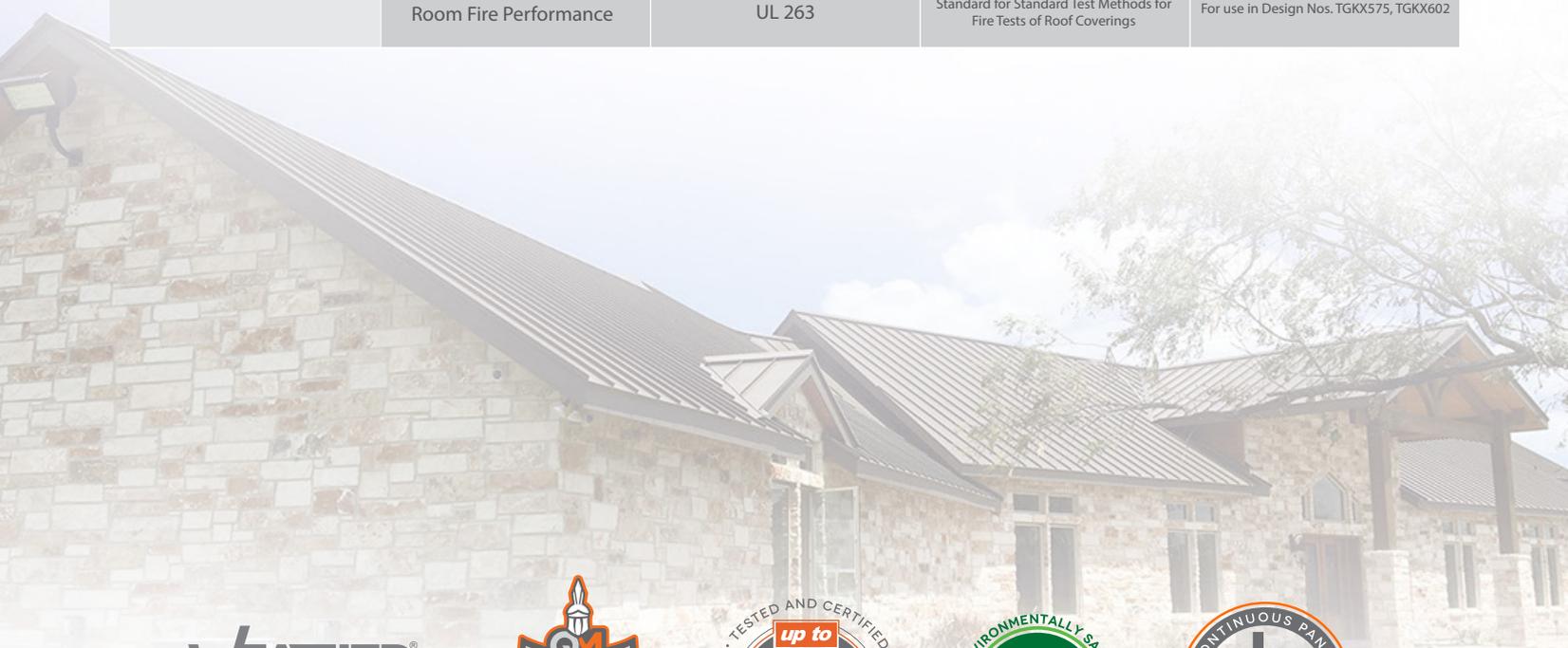
PANEL JOINTS
180° SEAMED

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. TGKX575, TGKX602



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