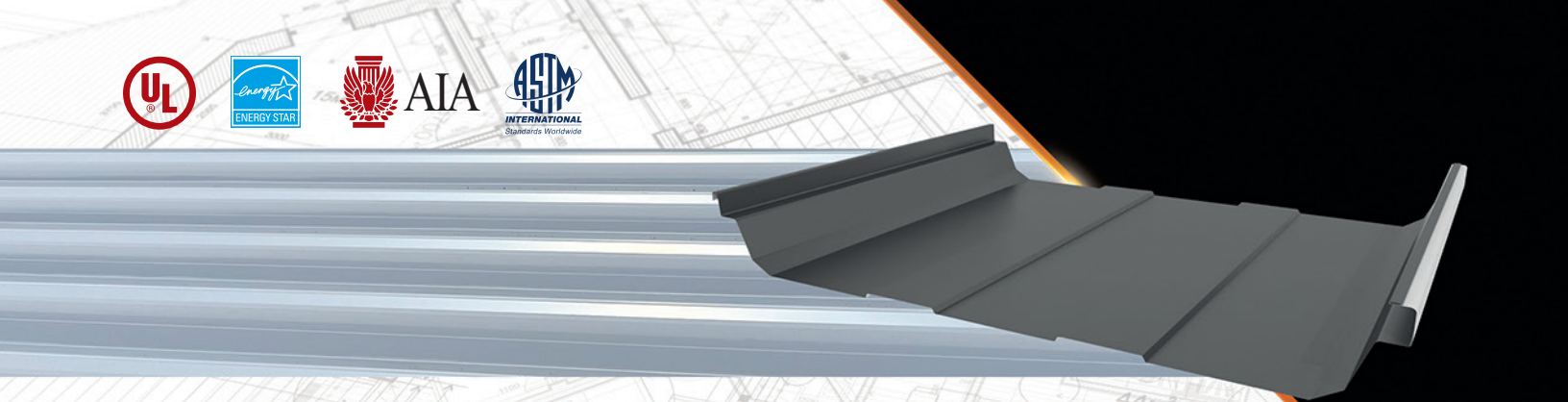
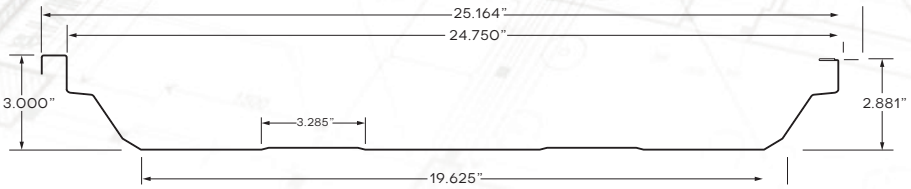


ML-300

TRAPEZOIDAL PANEL

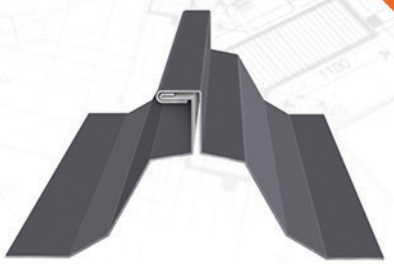
Mechanically seamed, trapezoidal leg, high strength structural standing seam system.



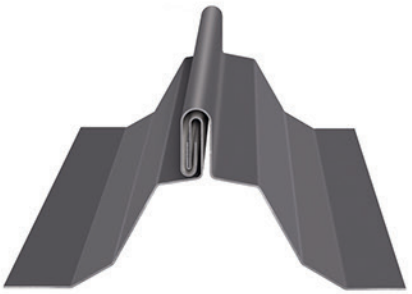
The **ML-300** features structural performance and architectural aesthetics in **ML-300** (3" High). The **ML-300** can be manufactured on job sites for all substrates and uses concealed fasteners with a floating clip system. The floating clip system reduces the effect of thermal stresses on the **ML-300 panel system**, maintaining a unique smooth, uniform appearance despite fluctuations in temperature.

ML-300 is a mechanically field-seamed, vertical leg standing seam roof system that combines a 3" tall slim rib with exceptional uplift resistance. It is available in 24.¾ inch width. **ML-300** has been designed to withstand the most rigorous weather conditions.

ML-300 can be installed directly over purlins or bar joists.



PANEL JOINTS 90° SEAMED



PANEL JOINTS 180° SEAMED

FEATURES

- 24 GA steel .040 Aluminum .032 Aluminum
- Colors available on standard, premium and metallic.
- On site factory made.
- **UL** Construction Numbers:**TGKX.180C, TGKX.287, TGKX.308A, TGKX.539.**
- **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** approved.

PRODUCT SPECIFICATIONS

- **Applications:** Roof
- **Coverage Widths:** 24 ¾"
- **Minimum Slope:** ¼:12
- **Panel Attachment:** Standing Seam System, Low, High (floating).
- **Gauges:** 24 (standard); 22 and 26 (optional)
- **Finishes:** Stiffener Ribs.
- **Coatings:** Galvalume®, Storm Armor (Durapon 70®, Ceranamel®).

WEATHER TIGHTNESS® WARRANTY PROGRAM

AVAILABLE FOR THIS PRODUCT

TESTED AND CERTIFIED up to 120 mph Wind Resistance

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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

www.saqualitymetals.com

ML-30Q
TRAPEZOIDAL PANEL

CATEGORY	CHARACTERISTIC	TEST METHOD	PURPOSE	RESULT
ENVIRONMENTAL	Air Leakage Through Roof Panel Joints	ASTM E1680	Determines the air leakage characteristics of metal roof panels under specified air pressure differences at ambient conditions	0.013 cfm/ft2 at 6.24 psf static pressure 0.020 cfm/ft2 at 12.00 psf static pressure
	Water Penetration Through Roof Panel Joints	ASTM E1646	Determines the resistance to water penetration of metal roof panels under uniform static air pressure difference	No uncontrolled water penetration through the panel joints at a static pressure of 12.00 psf
	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. TGKX.180C, TGKX.287, TGKX.308A,TGKX.539
STRUCTURAL	Uplift Resistance	ASTM E 1592	Provides a standard procedure to evaluate or confirm structural performance under uniform static air pressure difference	TEST C 78.0 PSF TEST D. -282 PSF.

Design Wind Pressure	Purlins	Attachment of Panel to Steel Purlin
-72.8 psf	16 gauge steel purlin 5'0" on center	Clip w/2 fasteners - 5'0" O.C.

WEATHER TIGHTNESS WARRANTY PROGRAM

QM Storm ARMOR

CONTINUOUS PANEL · NO OVERLAPS Quality Metals Roof Systems

TESTED AND CERTIFIED · up to 120mph Wind Resistance

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