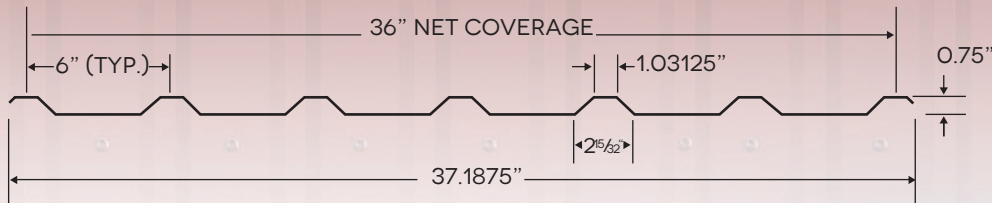
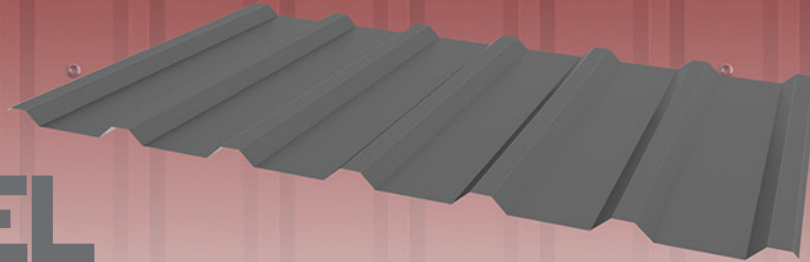




U-PANEL



The **U-Panel** is commonly used for a wide variety of architectural, agricultural, commercial and industrial applications. **U-Panel** is a structural panel and an exposed fastener panel that can be used for wall applications.

U-Panel is designed for industrial, commercial, and steel-frame building applications.

FEATURES

- 26 or 24 GA steel
- Colors available on standard, premium and metallic.
- Coverage 36".
- Factory made.
- UL Construction Numbers: **TGKX.12, TGKX.39.**
- 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 and Wall.
- **Coverage Width:** 36"
- **Minimum Slope:** 1/2:12
- **Panel Attachment:** Exposed Fastener System.
- **Rib Height:** 0.75".
- **Rib Spacing:** 6" on center.
- **Gauges:** 26 (standard); 22,24,29 (optional)
- **Finishes:** Smooth.
- **Coatings:** Storm Armor, Galvalume®, Durapon 70®, Ceranamel®.



**EXPOSED
FASTENER**
ROOF AND WALL
SYSTEMS

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 • 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

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U-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	0.0035 cfm/ft2 at 1.57 psf static pressure 0.007 cfm/ft2 at 6.24 psf static pressures
	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.12, TGKX.39.
STRUCTURAL	Uplift Resistance	ASTM E 1592	Provides a standard procedure to evaluate or confirm structural performance under uniform static air pressure difference	TEST C 83.2 PSF TEST D. -234 PSF.



The descriptions and specifications provided in this publication were current at the time of printing. As part of our ongoing commitment to product improvement, Quality Metals reserves the right to modify or discontinue products, specifications, or designs at any time without prior notice or obligation. For the most up-to-date information, please contact us or visit our website at www.saqualitymetals.com. Application details are provided for illustrative purposes only and may not be suitable for all environmental conditions, building designs, or panel profiles. All projects must comply with applicable building codes, regulations, and standard industry practices. In the event of a discrepancy between this manual and the project's erection drawings, the erection drawings shall take precedence.

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