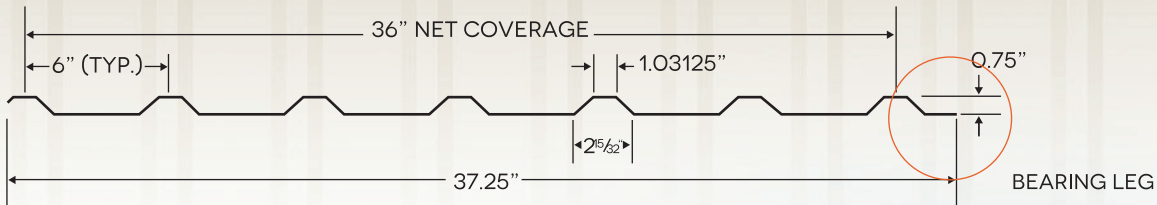




AIA



# PBU-PANEL



The **PBU-Panel** is commonly used for various architectural, agricultural, commercial, and industrial applications. **PBU-Panel** is a structural and exposed fastener panel used for roof and wall systems.

**PBU-Panel** is designed and effectively used for industrial, commercial, and steel-frame buildings.

## FEATURES

- 26 or 24 GA steel
- Colors available on standard, premium and metallic.
- 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 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 (optional)
- **Finishes:** Smooth.
- **Coatings:** Galvalume®, Storm Armor (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  
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# PBU-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/ft <sup>2</sup> at 1.57 psf static pressure<br>0.007 cfm/ft <sup>2</sup> 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](http://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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