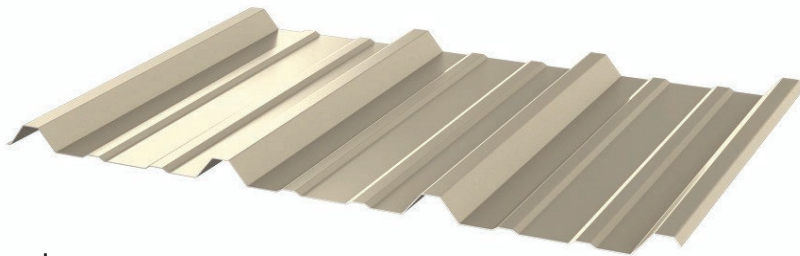




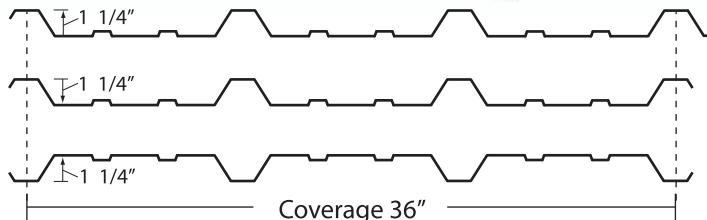
Ask your local Reed's Sales Representative which products are available for same day delivery and how this product can best suit your project.



PBR Panel  
24 & 26 gauge

R-Panel  
29 gauge

Reverse Run  
Option



## Description

Designed for industrial, commercial, and steel-frame building applications, Reed's PBR panels have the strength to perform on roof pitches as low as 1:12 and on spans up to five feet. Supplied in 26 and 24 gauge, PBR profile's purlin-bearing leg provides extra support for roofing applications and better overlap to prevent moisture wicking. The same profile is available in 29-gauge as an R-Panel which does not have the leg extension or full fourth rib; therefore, it is only used in wall applications. In any gauge, the profile can be run as a reverse panel with the painted side in the troughs rather than atop the ribs, to give a varied dimension to your building project.

## Specifications

- Exposed fastener panel for roof or wall applications
- 1:12 minimum recommended roof pitch
- Suitable for solid wood decking or open wood or metal framing

## Substrates and Coatings

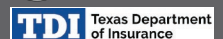
- 24 or 26 gauge steel substrate (29 in R-Panel only)
- AZ50 core for painted products
- AZ55 core for acrylic-coated galvalume
- 45-year silicone-modified polyester coil coating system (SMP) with no coastal set back; 45-year Trinar PVDF with no coastal set-back; or 35-year Kynar PVDF with coastal set-back

## Finish Options

- Over 20 colors in stock
- Acrylic-Coated Galvalume

## Approvals and Certifications

- Metal Construction Association Certified
- Florida Building Code Approved
- Texas Department of Insurance Approved
- Highest UL Ratings for Wind Uplift, Fire and Impact Resistance
- Product approved for use in Reed's IAS and MBMA certified structures



## PBR CERTIFICATIONS TESTING

- UL 580 Class 90 Wind Uplift
- UL 790 Fire Resistance Class A
- UL 2218 Impact Resistance Class 4
- Metal Construction Association (MCA) Certified
- Texas Department of Insurance Approved
- Florida Building Code Approved

## ALLOWABLE UNIFORM LOADS PER SQUARE FOOT - PBR Panels (R-Panel used on side walls only)

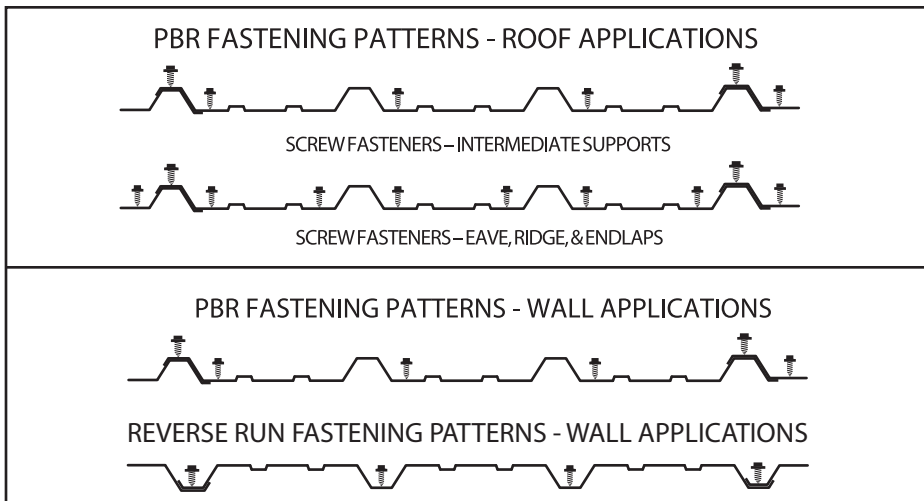
Maximum roof/purlin spacing 5' on center (PBR only) and maximum sidewall/girt spacing 8' on center.

SPAN (INCHES)	LIVE LOAD (lb/ft <sup>2</sup> )							WIND LOAD (lb/ft <sup>2</sup> )						
	24"	30"	36"	42"	48"	54"	60"	24"	30"	36"	42"	48"	54"	60"
26 Gauge	351	224	156	114	87	69	56	271	174	120	88	67	53	43

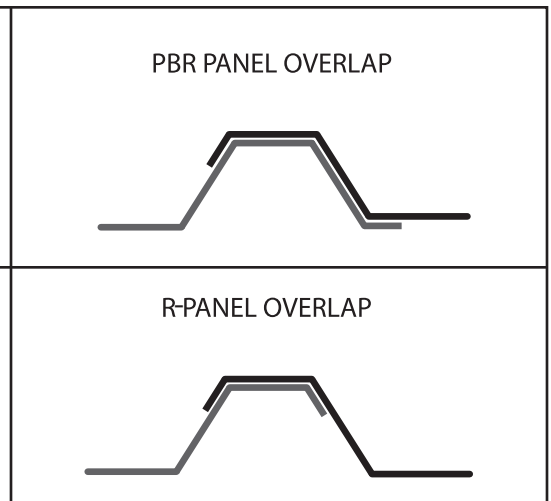
### NOTES:

1. Theoretical allowable loads are based on section properties and allowables calculated in accordance with 2001 AISI Specifications.
2. Theoretical allowable loads are based on three or more uniform spans.
3. For roof panels, deduct self weight for actual 'live load' capacity of the panel.
4. These loads are for panel strength. Frames, purlins, decks and fasteners must be designed to resist all loads imposed on the panel.
5. Check local building codes if panel testing is required.

## RECOMMENDED FASTENING PATTERN



## PANEL OVERLAP



## STORAGE

If the panels are not to be used immediately, store inside in a well-ventilated and dry location. Condensation or other moisture can form between the sheets during storage, causing white rust or water stains, which detract from the appearance of the product, and may affect the product's performance. To prevent white rust and staining, the following precautions should be taken:

1. Break the shipping bands on the metal and wipe the sheets dry.
2. Store metal on end or on an incline of at least 8" with support bands underneath to prevent sagging.
3. Fan sheets slightly at the bottom to allow for air circulation.
4. Keep the sheets off of the ground with an insulator such as wood.

Any outdoor storage is at the customer's own risk. If outdoor storage cannot be avoided, protect the metal using a canvas cover or waterproof paper. Never cover the metal with plastic as this will cause condensation to form.

**BEFORE BEGINNING INSTALLATION OF THIS PRODUCT, READ OUR INSTALLATION INSTRUCTIONS.**

\*\* For more information, call (800) 581-4645 or visit our website at [www.reedsmetals.com](http://www.reedsmetals.com) \*\*