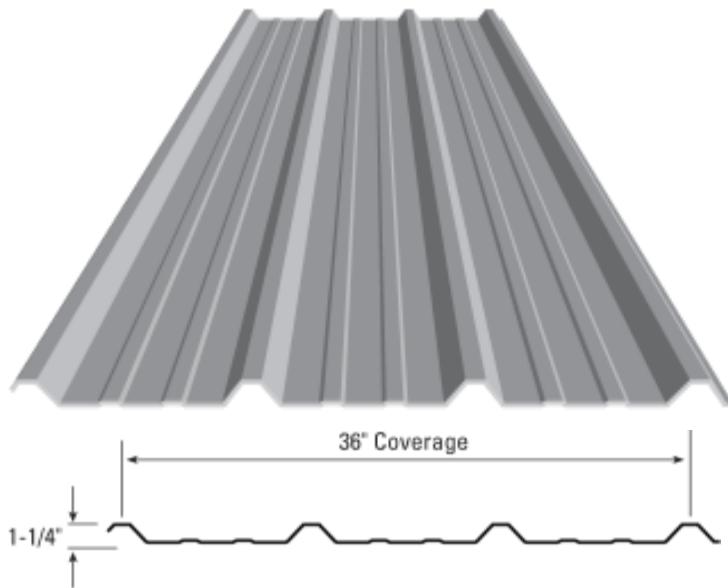




Metal Center
METAL ROOFING SUPPLY

1630 Second Street NW
Albuquerque, NM 87102
(505) 717-2224

R-Panel



Product Overview

Metal Center's R-Panel and PBR-Panel are designed for industrial, agricultural, commercial, residential and steel-frame building applications. This type of metal roofing panel has the strength to perform on roof pitches as low as 1:12 and on spans up to five feet.

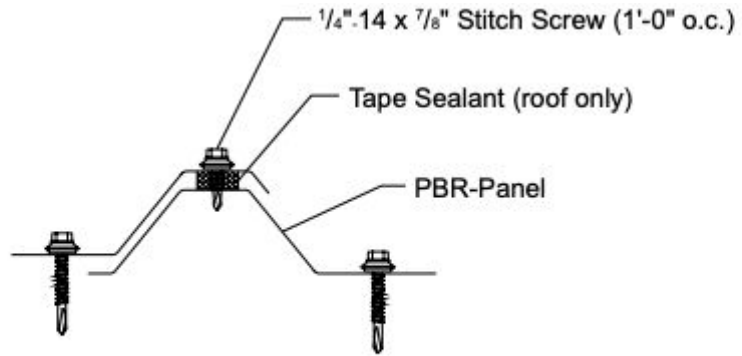
Testing & Approvals

- UL 2218 Class 4 Impact Resistance
- UL 263 Fire Resistance Rating
- UL 580 Class 90 Wind Uplift Construction #161
- UL 790 Class A Fire Resistance Rating

Required Substrate: R-Panel is designed to be utilized over open structural framing, but can easily be used with a solid substrate. The recommended substrate is 5/8" plywood with a 30 pound felt moisture barrier.

- Minimum Slope:
 - The minimum recommended slope for PBR-Panel is 1:12. Metal Center strongly recommends the use of sealant tape for all sidelaps when used for roofing.
- Coverage
 - Each panel's effective coverage is 3' (36 inches).
- Lengths
 - The minimum length for R-Panel is 3' 2", with a maximum recommended length of 45'.
- Availability
 - PBR-Panel is available in 26 gauge, and can be made in 24 gauge via special order.
- Application
 - PBR-Panel is used largely in commercial, industrial, residential, and agricultural settings.
- Fastening System
 - Exposed Fastened.
- Materials
 - Steel Grade 80 per ATSM A-792 or ATSM A-792-AZ55
 - Steel Grade 50 per ATSM A-792 in 24 Gauge
- Finish
 - Acrylic Coated Galvalume® (ACG) / ASTM A-792 - AZ55
 - Prepainted Galvalume / ASTM A-792 - AZ50
 - Silicone-Modified Polyester (SMP)
 - **Fluorocarbon (PVDF)
 - * Differential appearance of Acrylic Coated Galvalume roofing materials is not a cause for rejection.
 - ** Meets both Kynar 500 and Hylar 5000 specifications.

PBR-Panel Fastening Procedures



PBR-Panel Fastening Pattern - Interior



PBR-Panel Fastening Pattern - Ends