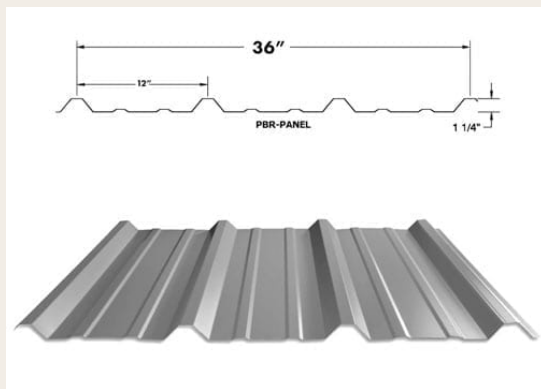




ERS
METALS

PBR / R-Panel **PBR**

Exposed Fastener · Best for: Commercial, industrial and agricultural buildings

HVHZ APPROVED

FL36968.2 (24 GA, HVHZ) · FL36968.1, FL24397.6, FL27567.1 (26 GA)

- Panel coverage: 36" nominal
- Attachment: Exposed fastener through the pan
- Maximum purlin spacing: 60" o.c.
- Minimum slope: 2":12" in the HVHZ · 1/2":12" outside the HVHZ
- Minimum rib height: 1-1/4" nominal (1-1/8" minimum per approval)
- Material: 24 ga or 26 ga galvalume coated steel, 50 ksi minimum yield
- Minimum purlin thickness: 16 ga
- Finish: Galvalume, SMP or PVDF

PRODUCT OVERVIEW

The commercial standard. A 36" structural through-fastened panel with a 1-1/8" rib that spans open purlins up to 60" on centre, so it goes straight over steel framing with no deck. The 24 ga is HVHZ approved.

SPECIFICATIONS

Panel coverage	36" nominal
Minimum rib height	1-1/4" nominal (1-1/8" minimum per approval)
Attachment	Exposed fastener through the pan
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MATERIALS, ATTACHMENT AND DESIGN PRESSURE

MATERIAL	APPROVAL	DECK	FASTENER AND SPACING	MAX DESIGN PRESSURE
24 ga steel - HVHZ APPROVED	FL36968.2	Steel purlins, 16 ga min at 60" o.c. max	Per approval drawing 1CPBR-HZ Per approval drawing 1CPBR-HZ	See approval
26 ga steel	FL36968.1	Steel purlins, 16 ga min at 60" o.c. max	Per approval drawing 1CPBR Per approval drawing 1CPBR	See approval
26 ga steel, over plywood	FL24397.6	1/2" plywood	#10 × 1" HWH self-drilling with weather-seal washer; side laps sealed with butyl tape and #12 × 1" HWH at 12" o.c. 12" o.c. across panel (beside each rib) · 24" o.c. max along panel	-63.5 psf
26 ga steel, over steel purlins	FL27567.1	14 ga steel purlins at 60" o.c. max	#12 × 1" HWH self-drilling with weatherseal washer 12" o.c. across panel (beside each rib) · 60" o.c. along panel, through purlins	-35 psf

Panel yield: 24 ga steel - HVHZ APPROVED 50 ksi min, Fluoropon painted galvalume · 26 ga steel 50 ksi min, Fluoropon painted galvalume · 26 ga steel, over plywood 50 ksi minimum, galvalume coated · 26 ga steel, over steel purlins 50 ksi minimum, galvalume coated.

This panel has demonstrated compliance with the 2023 Florida Building Code, Section 1504.3.2 (non-HVHZ) and Sections 1518.9.1 / 1523.6.5.2.4 (HVHZ), under Rule 61G20-3.