



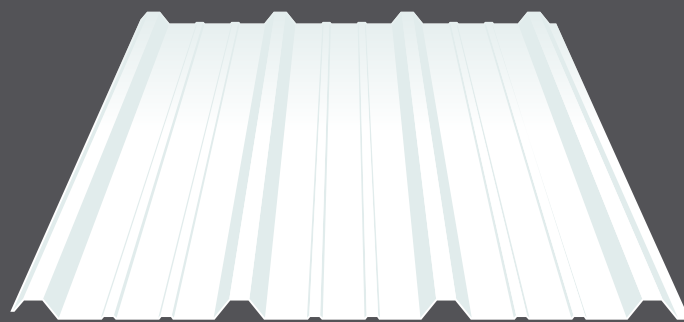
PBR Panel

PBR Panel is a sturdy, commercial-grade product that can free-span between purlins up to 5 feet, making it a standard workhorse for metal buildings and commercial facilities. It is sold in 26 gauge metal and select colors in 24 Gauge.

12"
RIB
SPACING

1 1/4"
RIB HEIGHT

RECOMMENDED
1/2:12
PITCH
AND ABOVE
PER IBC*



Manufactured with a Siphon Groove to minimize leaks and direct water down the panel.

Wide fastening surface for easy installation and defined panel ribs for clear screw placement.

Unique lap groove that hides the overlap providing a smooth, clean appearance.



PBR Roof Panel

Allowable Uniform Loads In Pounds Square Foot

26 GAUGE THICKNESS

SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
1-SPAN	NEGATIVE WIND LOAD	133.48	75.08	48.05	33.37	24.52	18.77	14.83
	LIVE LOAD/DEFLECTION	119.08	52.22	26.74	15.47	9.74	6.53	4.58
2-SPAN	NEGATIVE WIND LOAD	114.41	66.59	43.33	30.37	22.44	17.24	13.66
	LIVE LOAD/DEFLECTION	105.60	71.09	46.37	32.55	24.07	18.51	13.88
3-SPAN	NEGATIVE WIND LOAD	138.49	81.62	53.46	37.61	27.86	21.95	17.00
	LIVE LOAD/DEFLECTION	120.00	86.91	57.11	34.86	21.95	14.71	10.33
4-SPAN	NEGATIVE WIND LOAD	130.70	76.70	50.12	35.22	26.06	20.05	15.89
	LIVE LOAD/DEFLECTION	115.50	81.75	53.58	37.71	23.77	15.93	11.18



PBR Wall Panel

Allowable Uniform Loads In Pounds Square Foot

26 GAUGE THICKNESS

SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
1-SPAN	NEGATIVE WIND LOAD	133.48	75.08	48.05	33.37	24.52	18.77	14.83
	LIVE LOAD/DEFLECTION	119.08	69.83	44.69	31.04	22.80	17.46	13.79
2-SPAN	NEGATIVE WIND LOAD	114.41	66.59	43.33	30.37	22.44	17.24	13.66
	LIVE LOAD/DEFLECTION	105.60	71.09	46.37	32.55	24.07	18.51	14.66
3-SPAN	NEGATIVE WIND LOAD	138.49	81.62	53.46	37.61	27.86	21.95	17.00
	LIVE LOAD/DEFLECTION	120.00	86.91	57.11	40.25	29.85	22.99	18.24
4-SPAN	NEGATIVE WIND LOAD	130.70	76.70	50.12	35.22	26.06	20.05	15.89
	LIVE LOAD/DEFLECTION	115.50	81.75	53.58	37.71	27.93	21.50	17.05

SPECIFICATIONS

Available Gauges:

26 Gauge

24 Gauge

SHERWIN-WILLIAMS
Coil Coatings
SMP / KYNAR WeatherXL™

Testing:



- UL 580 Uplift (Class 90)
- UL 2218 Class 4 Impact Resistance
- UL 790 Class A Fire Rating

Rust Protection Substrate:

Galvalume AZ50

Delta Metals is neither partially nor solely responsible for improper installation or defects as a result of installation

Application Details

Fastener Guide:

#10 WoodBinder screws are designed for use with dimensional lumber

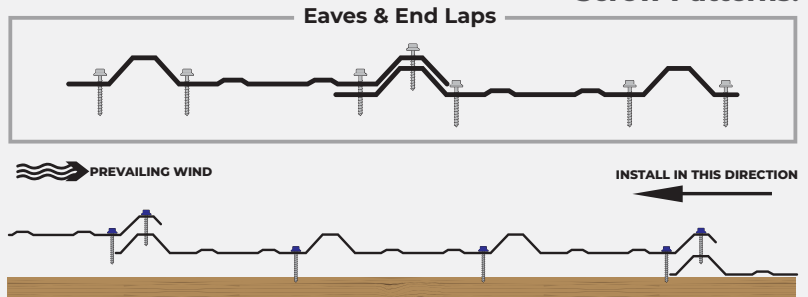
#14 Wafer screws are designed for use with plywood sheeting, OSB, (7/16" minimum thickness)

#12 Tek Screws are designed to be used with structural steel up to 3/16" in thickness

Fastener Application:

Screws are to be applied next to every rib and then up the panel, no more than 5'. *2-1/2" slope or below, Mastic Tape must be applied between the panel side laps with Stitch Screws installed every 1' up the panel. At the eave or end laps a double screw pattern should be used with screws applied to both sides of the rib.

Screw Patterns:



Please Note: It is the responsibility of the builder to ensure that purlins are adequately spaced to meet specific engineering requirements.

1796 Hwy 50 Delta, CO 81416 (970) 874-7070



SHERWIN-WILLIAMS
Coil Coatings