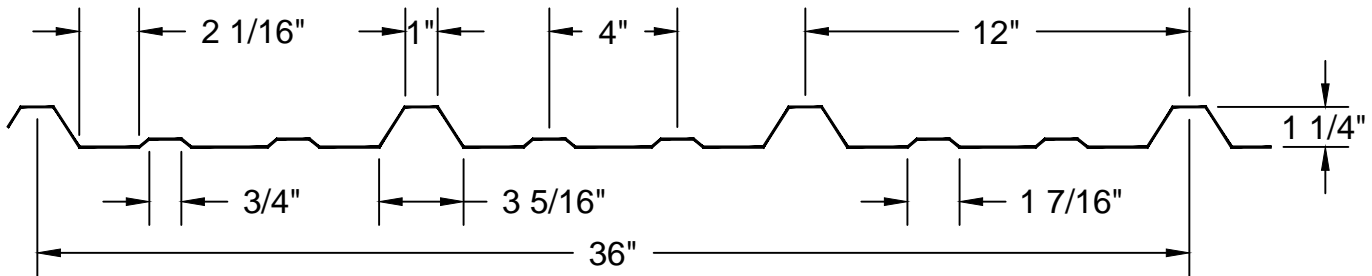


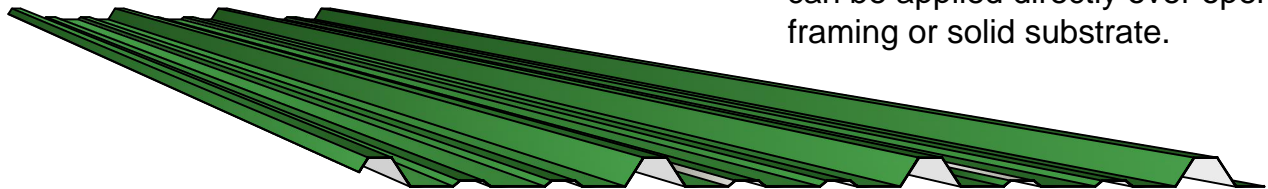
# DISCOUNT METAL PANELS, INC.

## PRODUCT PROFILE

### PBR-PANEL



PBR-Panel is a commercial industrial architectural panel with a 36" net coverage. It can be installed on a minimum slope of 1:12 and can be applied directly over open framing or solid substrate.



- Finishes: Kynar 500 (PVDF), MS Colorfast30®, and Acrylic Coated Galvalume®
- Gauges: 26ga and 24ga standard, 22ga optional
- 36" panel coverage, 1 1/4" rib height
- Applies over open framing or solid substrate
- Exposed fastened metal building panel
- Trapezoidal rib on 12" centers
- Minimum roof slope: 1:12

Section Properties								Allowable Uniform Live Loads PSF <sup>1234</sup> (3 or More Equal Spans)											
GA.	Width (in.)	Yield KSI	Weight PSF	Top in Compression <sup>1</sup>		Bottom in Compression <sup>1</sup>		Inward (Gravity/Deflection) Load <sup>24</sup>						Outward Uplift (Stress) Load <sup>3</sup>					
				Ixx In <sup>4</sup> /ft	Sxx In <sup>3</sup> /ft	Ixx In <sup>4</sup> /ft	Sxx In <sup>3</sup> /ft	2'	3'	4'	5'	6'	7'	2'	3'	4'	5'	6'	7'
26	36"	80	0.91	0.0360	0.0358	0.0307	0.0449	250	125	73	48	28	18	286	138	80	52	36	27
24	36"	50	1.17	0.0576	0.0578	0.0443	0.0609	328	152	87	56	39	27	419	193	193	71	49	36
22	36"	50	1.51	0.0800	0.0855	0.0633	0.0808	449	205	116	75	52	38	630	288	288	105	73	54

1. Theoretical section properties have been calculated per AISI 1996. "Specificationa for the design of cold formed steel members." Ixx and Sxx are effective section properties for deflection and bending.
2. Tabulated loads are allowable loads calculated in accordance with good engineering practices and with AISI 1996 specifications for bending stresses. Panel weight has not been subtracted from allowable gravity loads. Allowable load does not address web crippling requirement, or fasteners/support connection.
3. Allowable loads are calculated in accordance with AISI 1996 specifications, and have been increased by 33<sup>2</sup>/<sub>3</sub>% for wind uplift. Contact Metal Sales Technical Services Department for more information.
4. Deflection consideration is limited by a maximum deflection ratio of L/180 of span.