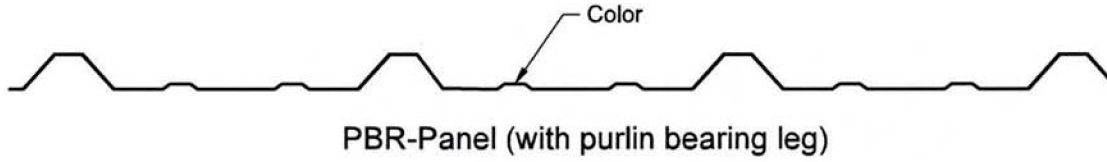


# R- Panel



Commercial/Industrial Roof and/or Wall Panel System	Through Fasteners	Minimum 1:12 Slope Recommended	36" Coverage	Apply over Structural Framing or Solid Substrate
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## Features:

- Direct through fastening system.
- Designed for strength and versatility.
- 1-1/4" rib height at 12" on center with intermediate minor ribs.
- Available in a wide range of standard colors and gauges.
- UL 90 listed.
- 3/4" wide lap sealant.

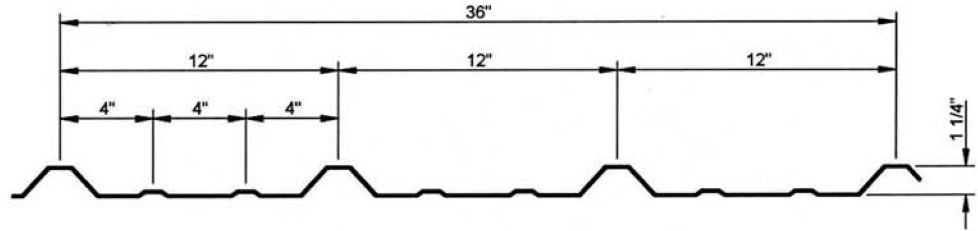
## Benefits:

- May reduce amount of bracing required.
- Ideal panel for roofs, walls, and most other locations.
- Provides strength yet remains aesthetically pleasing.
- Near limitless possibilities for your project.
- Can be used in most applications.
- Roof lap screw placement can vary and still penetrate the sealant.

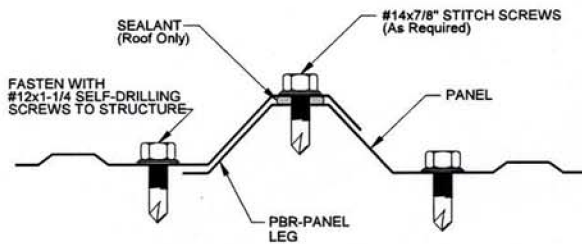


# R- Panel

## Panel Detail



## Sidelap Detail



## R-Panel General Information

### 1.0 Slope

R-Panel is ideal for both roof and wall applications. The minimum recommended roof slope for R-Panel is 1:12. When used as roof panels, sealant must be applied to both sidelaps and endlaps. May be used as an interior liner for both roof and wall.

### 2.0 Substructure

R-Panel is designed to be placed over open structural framing but can be used in conjunction with a solid substructure. To avoid panel distortion, be sure the substructure is uniform and properly aligned.

### 3.0 Coverage

Each panel has a net coverage width of 36".

### 4.0 Lengths

Minimum factory cut length is 4'-0". Maximum length is 40'-0".

### 5.0 Fasteners

Panels are fastened to structurals with #12x1 1/4 self-drilling screws. Sidelaps are fastened together with #14x7/8 self-drilling screws. Refer to erection drawing package for fastener location and spacing.

### 6.0 Availability

26 gauge standard, 24 gauge optional.

Allowable Uniform Loads for 3 or More Spans in PSF

		Live Load								Wind Load							
		Stress				Deflection				Stress				Deflection			
Ga	KSI	4'	5'	6'	7'	4'	5'	6'	7'	4'	5'	6'	7'	4'	5'	6'	7'
26	80	80.2	51.3	35.7	26.2	80.2	51.3	35.7	26.2	67.9	43.4	30.2	22.2	67.9	43.4	30.2	22.2
24	50	88.0	56.3	39.1	28.7	88.0	56.3	39.1	28.7	86.5	55.4	38.4	28.2	86.5	55.4	38.4	28.2

- 1) Tabulated values are total allowable loads calculated in accordance with the maximum bending stresses for physical and section properties.
- 2) These load capacities are for the panel itself. Frames, purlins, fasteners, and all supports must be designed to resist all loads imposed by the panel.
- 3) Deflection loads are limited by a maximum deflection ratio of L/240 of span.

