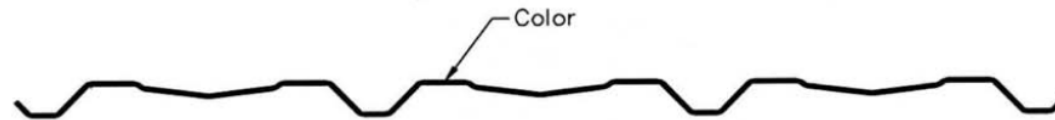


A PANEL

Panel features a direct through-fastening system placing the fasteners in the low portion of the major rib creating a more aesthetically pleasing look. PBA-panel provides strength without sacrificing appearance for wall, liners and soffits. Available in Alliance Steel Inc full line of colors- see color chart for your selection.

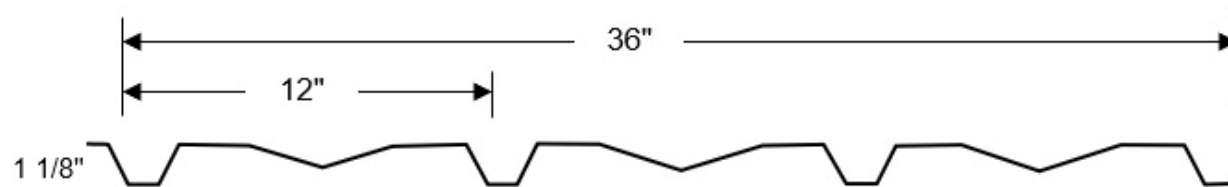


FEATURES

- Direct through fastening system.
- Both structural and lap fasteners placed in low of corrugation.
- 1-1/4" rib depth at 12" on center with intermediate shallow corrugations.
- Architectural profile.
- Available in a wide range of standard colors.

BENEFITS

- May reduce amount of bracing required.
- Fasteners not visible unless viewed from directly in front.
- Provides strength without sacrificing appearance.
- Ideal for walls and fascias.
- Near limitless possibilities for your project.



PBA Panel

- 1.0 Slope
A-Panel is intended for vertical installation on building exteriors. May be used as an interior liner for both roof and wall.
- 2.0 Substructure
A-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 structural with # 12x1¼ 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	80.0	51.2	35.5	26.1	80.0	51.2	35.5	23.8	65.7	42.0	29.2	21.4	65.7	42.0	29.2	21.4
24	50	89.2	57.1	39.6	29.1	89.2	57.1	39.6	29.1	86.6	55.4	38.5	28.3	86.6	55.4	38.5	28.3

- Tabulated values are total allowable loads calculated in accordance with the maximum bending stresses for physical and section properties.
- 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.
- Deflection loads are limited by a maximum deflection ratio of L/240 of span.

