

Exposed Fastening System

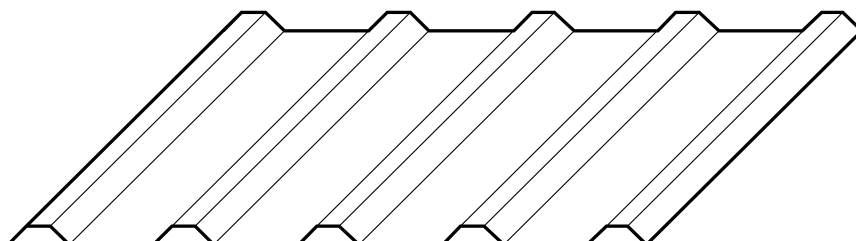
Technical Sheet



ProtectorX Series / PBU Panel

Product Highlights

PBU Panel is a unique panel that offers a clean look. This panel is common in commercial applications but can also be used for residential and industrial applications. Many colors available.



Materials Available

29ga, 26ga, 24ga, 22ga Steel

WeatherXL™ SMP by Sherwin-Williams®
Fluropon® by Sherwin-Williams® PVDF (Kynar 500® or Hylar 5000®)

Galvalume® (Acrylic Coating)

(See Color Guide(s) for Many More Options)



Product Specifications

Protective Film Available Upon Request

Applications:	Roofing, Wall, Soffit, Fascia, Ceiling, Interior	Coatings:	WeatherXL™ SMP by Sherwin-Williams® (Silicone Modified Polyester) Fluropon® by Sherwin-Williams® PVDF (Kynar 500® or Hylar 5000®) Fluropon® by Sherwin-Williams® PVDF 3 Coat (Kynar 500® or Hylar 5000®) Super Dynapon by Sherwin-Williams® (ceramic pigment polyester coating) AZ55 Galvalume® with Acrylic Coating
Coverage:	29.33" Coverage (Roof) 36" Coverage (Wall)	Substrate:	AZ50 Galvalume® Grade E (yield strength of 80,000 psi) (optional) AZ55 Galvalume® G60, G90, G100 Galvanized (optional) Grade D (yield strength of 50,000 psi) (optional) Embossing Available
Rib Height:	3/4" on 6" Centers	Field Conditions:	Oil Canning is inherent in all light gauge metal products & is not a cause for rejection. Visit www.briggssteel.com/oilcanning for more information.
Fastening System:	Exposed Fastening	Accessories:	Trim, Custom Trim, Fasteners, Sealant, Closures, Venting, Pipe Flashings, Underlayment, Snow Retention, Polycarbonate Panels, Many Tools.
Length(s):	Maximum Length of 50' 0" Minimum Length of 3' 0"	More Details:	For more information about this profile, please visit www.BriggsSteel.com
Minimum Slope:	1:12 Pitch or greater with butyl tape sealant & recommended self-adhered underlayment covering entire substrate 3:12 Pitch or greater (optional: recommended butyl tape sealant)		
Substrate Install:	Solid or Open Purlin System		
Thickness:	26ga High Quality Grade D (yield strength of 50,000 psi) (optional) 24ga, 22ga (Please inquire for more available thicknesses)		

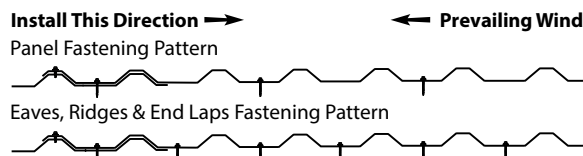
Note: For standard color selection, consult the current Briggs Steel Color Selection Guides. Custom colors are available upon request.

**Actual coverage may vary slightly due to the characteristics of the steel.

For more load table information, please contact Briggs Steel sales representative.

Live Load (PSF)	36"	48"	60"	72"	84"	96"
2 or More Spans	104	59	33	19	11	7
3 or More Spans	129	68	34	20	12	8

*Based on 29ga Grade E Steel (yield strength of 80,000 psi)



Testing

Meets Requirements for:
UL 580 Class 90 Uplift Resistance
UL 2218 Class 4 Impact Resistance
UL 263 & UL 790 Class A Fire Resistance

For more testing information please visit www.briggssteel.com/resources/testing

Typical Fastener Spacing

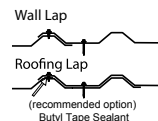
- 24" on center (typical solid substrate)
- Up to 60" on Center (see load table)

Correct Fastening Depth

Correct Too Loose Too Tight
*Impact drivers not recommended for fastening

Seam Sealant

(Recommended option)
Butyl Tape Sealant



*The above diagrams are the typical fastener pattern based on the live load table. However pattern & spacing may not be appropriate for all applications. Consult local building codes and/or professional engineer for alternative use.

www.BriggsSteel.com

Toll-Free: (866) 724-7171

Phone: (208) 745-1500

Copyright © 2020 by Briggs Steel. All rights reserved. Rev 07/19.

Due to product advancements, changes and other factors, we reserve the right modify or delete the information herein without prior notice.