

Exposed Fastening System

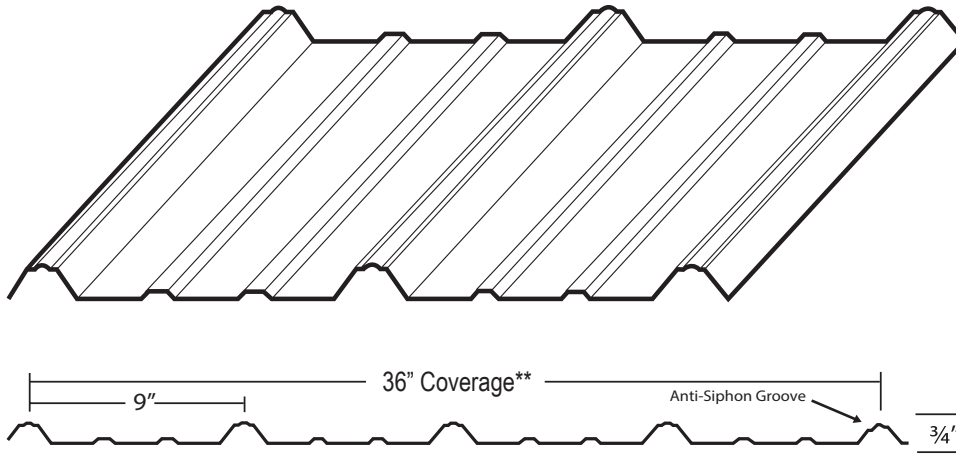
Technical Sheet



ProtectorX Series / Tuff Rib PlusX™

Product Highlights

The Tuff Rib PlusX™ Panel is a tough yet economical choice for your Metal Roofing or Siding project needs. The sleek line and low profile make this Roofing Panel desirable. The Tuff Rib PlusX™ Panel is ideal for Residential, Agricultural and Light Commercial building projects of all types, including but not limited to: Roofing, Walls, Pole Barns, Shops, Barns, Interior Walls for Steel Buildings, and Fencing. This panel features an additional top rib that makes the panel extremely strong, with a 36" Coverage for quick installation and an Anti-Siphon Rib for extreme weather resistance. Combined with Grade 80 High Tensile Steel with up to a 40 Year Limited Paint Warranty availability and a Galvalume® substrate, the Tuff Rib PlusX™ panel is tough to beat. These are some of the reasons that the Tuff Rib PlusX™ Metal Roof Panels are our most popular product.



Materials Available

- 29ga, 28ga, 26ga Steel (Many Varieties)
- 0.032" Aluminum (Many Varieties)
- 16oz, 20oz Architectural Copper (Many Varieties)
- Polycarbonate
- WeatherXL™ SMP by Sherwin-Williams®
- Fluropon® by Sherwin-Williams® PVDF (Kynar 500®)

- Textured / Crinkle (Rawhide)
 - Vintage®
 - Western Rust
 - Cor-Ten AZP® Raw
 - Copper-Ten® Raw
 - Galv-Ten® Raw
 - Galvalume® (Acrylic Coating)
 - Galvanized
 - Electro-Galvanized
 - Galvannealed
 - Bonderized Weathering Steel
 - ReziBond® Weathering Steel
 - Cold Rolled Weathering Steel
 - A606-4 (Corten) Weathering Steel
 - Hammered Copper
 - Stainless Steel
 - Perforated
- (See Color Guide(s) for Many More Options)



SHERWIN-WILLIAMS
Coil Coatings

Dura Coat
DURA COAT PRODUCTS
An Axalta Coating Systems Company

Product Specifications

Applications:	Roofing, Wall, Soffit, Fascia, Ceiling, Interior
Coverage:	36" Coverage**
Rib Height:	3/4" on 9" centers with anti-siphon groove
Fastening System:	Exposed Fastening
Length(s):	Maximum Length of 63' 0" Minimum Length of 3' 0"
Minimum Slope:	1:12 Pitch or greater with butyl tape sealant & Briggs Steel recommended self-adhered underlayment covering entire substrate 3:12 Pitch or greater (optional: recommended butyl tape sealant)
Substrate Install:	Solid/Open Purlin System
Thickness:	28ga, 26ga High Quality High Tensile Steel Grade E (yield strength of 80,000 psi)

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.

- Coatings:** WeatherXL™ SMP by Sherwin-Williams® (Silicone Modified Polyester)
Durapon70® by Dura Coat Products PVDF (Kynar 500® or Hylar 5000®)
Ceranamel™ XT-40S SMP by Dura Coat Products (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® Plus with Acrylic Coating
- 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
- 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.
- Accessories:** Trim, Custom Trim, Fasteners, Sealant, Closures, Venting, Pipe Flashings, Underlayment, Snow Retention, Polycarbonate Panels, Many Tools.
- More Details:** For more information about this profile, please visit www.BriggsSteel.com

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

Live Load (PSF)	24"	30"	36"	48"	60"
2 or More Spans	72	48	34	19	12
3 or More Spans	86	59	41	24	15

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

Testing

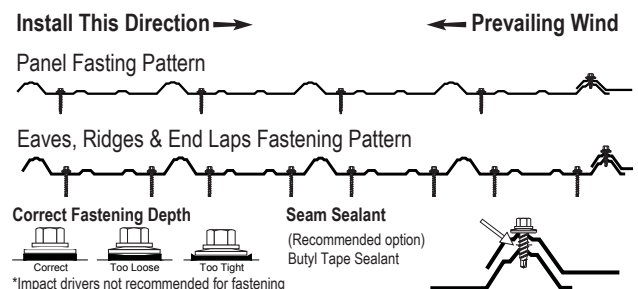
- Meets Requirements for:
- UL 580 Class 90 Uplift Resistance
- UL 2218 Class 4 Impact Resistance
- UL 263 & UL 790 Class A Fire Resistance

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)

*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.



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