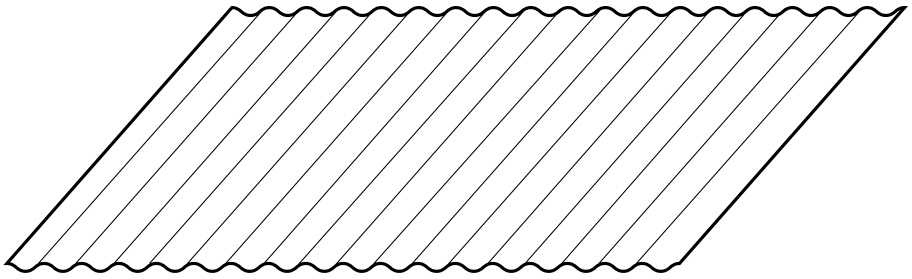
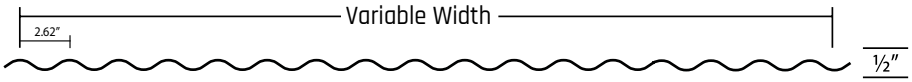
Exposed Fastening System
Technical Sheet

ProtectorX Series / 1/2" Corrugated

Product Highlights

The 1/2" Corrugated Panel is an exposed fastener Metal Roofing & Siding panel. This panel offers the versatility of being used in both vertical and horizontal applications. This Corrugated Panel gives the look of an old time application or modern look so your more than likely to find that look you are after. This is commonly used in 22ga Steel, but is available in 24ga, 26ga Steel, Copper & Aluminum with many finishes including Painted Metal to Weathering Steel A606-4 (Corten).





Materials Available

29ga, 28ga, 26ga, 24ga, 22ga Steel

0.032", 0.040" Aluminum

16oz, 20oz, 24oz Architectural Copper (Many Varieties)

WeatherXL™ SMP by Sherwin-Williams®
Fluropon® by Sherwin-Williams® PVDF (Kynar)

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
Natural Zinc
Stainless Steel
Perforated
(See Color Guide(s) for Many More Options)

SHERWIN-WILLIAMS Coil Coatings · Dura Coat PRODUCTS An Axalta Coating Systems Company

Product Specifications

Protective Film Available Upon Request

Applications: *Roofing, Wall, Soffit, Fascia, Ceiling, Interior*

Coverage: *36" Coverage (Dependent on Material used and/or if used for roofing or siding)*

Rib Height: *1/2" on 2.62" Centers*

Fastening System: *Exposed Fastening*

Length(s): *Maximum Length of 63' 0"*
Minimum Length of 1"

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, 24ga, 22ga High Quality Steel Grade D (yield strenght of 50,000 psi)*
(optional) 16oz, 20oz, 24oz, Architectural Copper
(optional) .032, .040 Aluminum

Coatings: *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®)
WeatherXL™ SMP by Sherwin-Williams® (Silicone Modified Polyester)
Super Dynapon® by Sherwin-Williams® (ceramic pigment polyester coating)
AZ55 Galvalume® Plus with Acrylic Coating

Substrate: *AZ50 Galvalume® Grade D (yield strength of 50,000 psi)*
(optional) AZ55 Galvalume® G60, G90, G100 Galvanized
(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*

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)	24"	30"	36"	42"	48"	60"
2 or More Spans	120	76	53	39	29	15
3 or More Spans	149	93	53	34	22	11

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

Install This Direction → **← Prevailing Wind**

Panel Fasting Pattern

Eaves, Ridges & End Laps Fastening Pattern

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

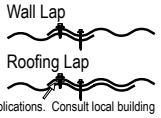
- 24" on center (typical solid substrate)
- Up to 60" on Center (see load table)

Correct Fastening Depth

*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.

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