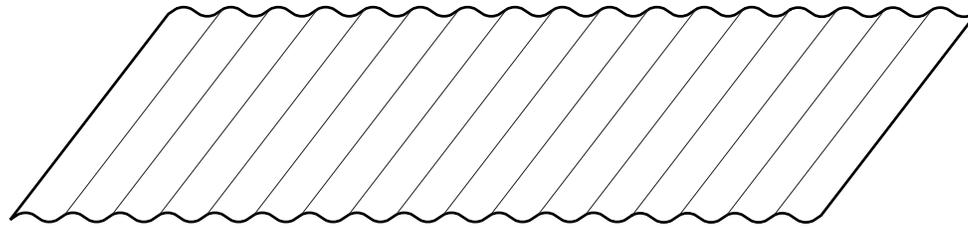


## ProtectorX Series / 1/2" Corrugated

### 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

Gal-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

<p><b>Applications:</b> Roofing, Wall, Soffit, Fascia, Ceiling, Interior</p> <p><b>Coverage:</b> Variable Coverage (Dependent on Material used and/or if used for roofing or siding)</p> <p><b>Rib Heights:</b> 1/2" on 2.62" Centers</p> <p><b>Fastening System:</b> Exposed Fastening</p> <p><b>Length(s):</b> Maximum Length of 63' 0" Minimum Length of 1'</p> <p><b>Minimum Slope:</b> 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)</p> <p><b>Substrate Install:</b> Solid or Open Purlin System</p> <p><b>Thickness:</b> 26ga, 24ga, 22ga High Quality Steel Grade D (yield strength of 50,000 psi) (optional) 16oz, 20oz, 24oz, Architectural Copper (optional) .032, .040 Aluminum</p>	<p><b>Coatings:</b> Durapron70® 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 Dynapron® by Sherwin-Williams® (ceramic pigment polyester coating) AZ55 Galvalume® Plus with Acrylic Coating</p> <p><b>Substrate:</b> AZ50 Galvalume® Grade D (yield strength of 50,000 psi) (optional) AZ55 Galvalume® G60, G90, G100 Galvanized (optional) Embossing Available</p> <p><b>Fielding Conditions:</b> Oil Canning is inherent in all light gauge metal products &amp; is not a cause for rejection. Visit <a href="http://www.briggssteel.com/oilcanning">www.briggssteel.com/oilcanning</a> for more information.</p> <p><b>Accessories:</b> Trim, Custom Trim, Fasteners, Sealant, Closures, Venting, Pipe Flashings, Underlayment, Snow Retention, Polycarbonate Panels, Many Tools.</p> <p><b>More Details:</b> For more information about this profile, please visit <a href="http://www.BriggsSteel.com">www.BriggsSteel.com</a></p>
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### Protective Film Available Upon Request

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)

### 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](http://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.

### Install This Direction →

### ← Prevailing Wind

#### Panel Fasting Pattern



#### Eaves, Ridges & End Laps Fastening Pattern



#### Correct Fastening Depth



\*Impact drivers not recommended for fastening

#### Seam Sealant

(Recommended option)  
Butyl Tape Sealant

#### Wall Lap

Roofing Lap

