

# Exposed Fastening System

## Technical Sheet



### ProtectorX Series / 3/4" Corrugated

#### Product Highlights

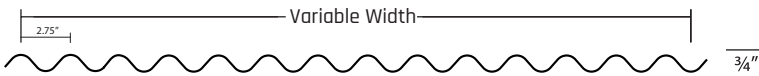
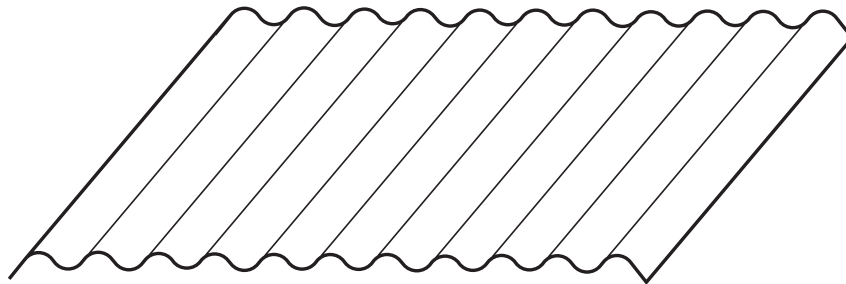
The 3/4" Corrugated Panel is an exposed fastener Metal Roofing – Steel Roofing and/or Metal Siding – Steel Siding panel. This panel offers the versatility of being used in both vertical and horizontal applications. This Corrugated Roofing – Corrugated Siding panel gives the look of an old time and/or modern roofing application.

#### Materials Available

29ga, 28ga, 26ga, High Quality Grade E Steel  
(yield strength of 80,000 psi)

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

Galvalume®  
Galvanized  
Textured / Crinkle (Rawhide)  
(See Standard Color Guide for Color Options)



#### Product Specifications

Protective Film Available Upon Request

<b>Applications:</b>	Roofing, Wall, Soffit, Fascia, Ceiling, Interior	<b>Coatings:</b>	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 Dynapox by Sherwin-Williams® (ceramic pigment polyester coating) AZ55 Galvalume® with Acrylic Coating
<b>Coverage:</b>	Variable Coverage (dependent on material used and/or if used for roofing or siding.)	<b>Substrate:</b>	AZ50 Galvalume® Grade D (yield strength of 50,000 psi) (optional) AZ55 Galvalume® G60, G90, G100 Galvanized (optional) Grade E (yield strength of 80,000 psi) (optional) Embossing Available
<b>Rib Height:</b>	3/4" on 2.75" Centers with Anti-Siphon Groove	<b>Field Conditions:</b>	Oil Canning is inherent in all light gauge metal products & is not a cause for rejection. Visit <a href="http://www.briggssteel.com/oilcanning">www.briggssteel.com/oilcanning</a> for more information.
<b>Fastening System:</b>	Exposed Fastening	<b>Accessories:</b>	Trim, Custom Trim, Fasteners, Sealant, Closures, Venting, Pipe Flashings, Underlayment, Snow Retention, Polycarbonate Panels, Many Tools Trim,
<b>Length(s):</b>	Maximum Length of 63' 0" Minimum Length of 2' 4"	<b>More Details:</b>	For more information about this profile, please visit <a href="http://www.BriggsSteel.com">www.BriggsSteel.com</a>
<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)		
<b>Substrate Install:</b>	Solid or Open Purlin System		
<b>Thickness:</b>	29ga, 28ga, 26ga, High Quality Grade E Steel (yield strength of 80,000 psi) (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	159	90	55	31	20	13
3 or More Spans	197	84	43	25	15	10

\*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)

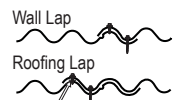
#### Correct Fastening Depth



\*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.

