

Belevedere 7.2" Rib (24 ga Steel)

Allowable Design Pressures

Maximum Support Spacing	2 FT	3 FT	4 FT	5 FT	6 FT
Positive Design Pressure (PSF)	+133.3	+120.0	+106.6	+93.3	+80.0
Negative Design Pressure (PSF)	-163.3	-139.2	-115.0	-90.8	-66.6
Span Condition:	One or More Spans Attached to a Minimum 18 Gauge Steel. 50 ksi minimum support.				
Fastener spacing to support:	7.2" in Every Valley				
Sidelap Spacing:	12" O.C.				
Primary Fastener:	Fastener: Panel to Support Type: Hex-Head Sheet Metal Screw w/ WSW Size: #12 - 14 x 1 1/2"				
Lap Fastener:	Fastener: Panel to Panel, Stitch Lap Type: Hex-Head Sheet Metal Screw w/ WSW Size: 1/4" - 14 x 7/8"				
Notes:	<ul style="list-style-type: none"> • Positive Pressure Inward/Negative Pressure Outward • Allowable design pressure(s) for allowable stress design (ASD). • Fastener Attachment to Steel Supports May Be Designed By A Qualified Design Professional As Required By The Florida Building Code For Site Specific Projects. • Diaphragm and axial load capacity are not included in this evaluation. 				

- Referenced Data:**
1. ASTM E330-02
By Farabaugh Engineering and Testing, Inc. (FBC Organization #TST ID:1654)
• Report # T204-19, Report Date: 7/03/19
 2. Engineering Analysis
By CBUCK Engineering