



LOAD TABLES BASED ON ASTM E330 TESTING

Belvedere PenumWall (24 ga Steel)

Allowable Design Pressures

Maximum Support Spacing	2 FT	3 FT	4 FT	5 FT
Positive Design Pressure (PSF)	+133.3	+110.9	+88.7	+66.5
Negative Design Pressure (PSF)	-146.5	-116.7	-87.0	-57.3
Span Condition:	One or More Spans Attached to a Minimum 18 Gauge Steel. 50 ksi minimum support.			
Fastener spacing to support:	7-7/8" o.c. along supports - in each low cell			
Primary Fastener:	Fastener: Panel to Support Type: Self Drilling Screw Hex Washer Head w/ WSW Size: #14 - 16 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). • 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 # T357-19, Report Date: 12/31/19
 2. Engineering Analysis
By CBUCK Engineering

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