



LOAD TABLES BASED ON ASTM E330 TESTING

Belvedere PenumWall (.032 Aluminum)

Allowable Design Pressures

Maximum Support Spacing	2 FT	3 FT	4 FT	5 FT
Positive Design Pressure (PSF)	+133.3	+102.2	+71.1	+40.0
Negative Design Pressure (PSF)	-141.3	-106.2	-70.9	-35.8
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 # T358-19, Report Date: 12/31/19
 2. Engineering Analysis
By CBUCK Engineering

ATAS International, Inc.

Allentown, PA | Mesa, AZ | University Park, IL
800.468.1441 | www.atas.com | info@atas.com