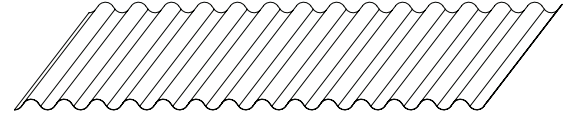


LOAD TABLES  
STEEL  
ASTM A653  
SS 50  
37.25" COVERAGE

# BELVEDERE CORRUGATED PANEL CURVED BWX374



L/180 Deflection Criteria

50 KSI

AISI Section Properties (per foot of width)				
BWX374	(+) I	(+) S	(-) I	(-) S
24 ga.	0.031 IN. <sup>4</sup>	0.071 IN. <sup>3</sup>	0.031 IN. <sup>4</sup>	0.071 IN. <sup>3</sup>
22 ga.	0.039 IN. <sup>4</sup>	0.088 IN. <sup>3</sup>	0.039 IN. <sup>4</sup>	0.088 IN. <sup>3</sup>
20 ga.	0.046 IN. <sup>4</sup>	0.106 IN. <sup>3</sup>	0.046 IN. <sup>4</sup>	0.106 IN. <sup>3</sup>
18 ga.	0.062 IN. <sup>4</sup>	0.139 IN. <sup>3</sup>	0.062 IN. <sup>4</sup>	0.139 IN. <sup>3</sup>

(±) Allowable Wind Pressure- PSF										
PANEL GAUGE	No. of Spans	Span in Feet								
		3	3.5	4	4.5	5	5.5	6	6.5	7
24	1	100	63	42	29	21				
	2	210	152	101	71	52	39	30	23	
	3	201	126	85	59	43	32	25		
22	1	126	79	53	37	27	20			
	2	260	191	128	90	65	49	38	29	
	3	253	159	106	75	54	41	31	24	
20	1	148	93	62	44	32	24			
	2	314	225	151	106	77	58	44	35	28
	3	299	188	126	88	64	48	37	29	23
18	1	84	59	43	32	25				
	2	203	143	104	78	60	47	38	30	25
	3	170	119	87	65	50	39	31	25	21

- Notes:
1. BWX374 Curved section properties have been determined in accordance with the latest edition of the Cold Formed Steel Design Manual as published by the American Iron & Steel Industry (AISI).
  2. The section properties listed for BWX374 Curved panel are to be used for the analysis of live loads acting perpendicular to the plane of the product.
  3. The Charted Load/ Span values account for the following:
    - A. Panel buckling strength
    - B. Deflection limit of L/180
    - C. Positive and negative wind considerations
  4. Load/ Span values do not include consideration of fastener capacity.
  5. Values include a 1/3 increase in "Allowable Wind Pressure".
  6. Since allowable loads and spans can be affected by actual conditions of use, information in these tables is intended for use only by those qualified to assess these effects.