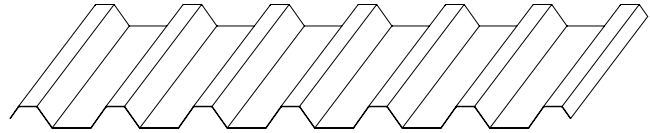


LOAD TABLES
STEEL
ASTM A653
SS 50
36" COVERAGE

SHORT RIB PANEL

BWK360



L/180 Deflection Criteria

FY=50 KSI

20, 22, 24 GAUGE

AISI Section Properties (per foot of width)				
BWK360	(+) I	(+) S	(-) I	(-) S
24 ga.	0.112 IN. ⁴	0.125 IN. ³	0.092 IN. ⁴	0.112 IN. ³
22 ga.	0.148 IN. ⁴	0.169 IN. ³	0.123 IN. ⁴	0.154 IN. ³
20 ga.	0.184 IN. ⁴	0.214 IN. ³	0.155 IN. ⁴	0.199 IN. ³

(+/-) Allowable Wind Pressure- PSF										
PANEL GAUGE	No. of Spans	Span in Feet								
		4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
24	1	139	97	71	53	41	32	25	21	
	2	186	147	119	98	82	70	60	50	41
	3	233	184	143	107	82	65	52	42	34
22	1	185	130	95	71	55	43	34	28	23
	2	256	202	164	135	114	97	83	67	55
	3	320	253	190	143	110	86	69	56	46
20	1	230	162	118	88	68	53	43	35	28
	2	331	262	212	175	147	125	103	84	69
	3	414	325	237	178	137	108	86	70	57

- Notes:
- BWK360 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).
 - The section properties listed for BWK360 panel are to be used for the analysis of live loads acting perpendicular to the plane of the product.
 - The Charted Load/ Span values account for the following:
 - Panel buckling strength
 - Deflection limit of L/180
 - Positive and negative wind considerations
 - Load/ Span values do not include consideration of fastener capacity.
 - Values include a 1/3 increase in "Allowable Wind Pressure".
 - Since allowable loads and spans can be affected by actual conditions of use, information in these tables is intended for use by those qualified to assess these effects.
 - Load tables are based upon section property analysis. Other factors such as fastener adequacy may apply to allowable span conditions per project.