

SPAN TABLES

Protean Aluminum Plate Metal Panels (AP)

AP-2500RS, AP-2000RS, AP-1125, AP-2125

0.125" Aluminum WIND LOAD (PSF)	STIFFENER SPACING			
	36"	24"	18"	12"
15	4'-4"	5'-4"	6'-1"	7'-1"
20	3'-9"	4'-7"	5'-3"	6'-5"
25	3'-4"	4'-1"	4'-8"	5'-8"
30	3'-1"	3'-8"	4'-3"	5'-3"
35	2'-9"	3'-6"	4'-0"	4'-9"
40	2'-8"	3'-3"	3'-8"	4'-6"
45	2'-6"	3'-0"	3'-6"	4'-3"
50	2'-4"	2'-11"	3'-4"	4'-1"
55	2'-3"	2'-9"	3'-2"	3'-10"
60	2'-2"	2'-8"	3'-0"	3'-8"

0.080" Aluminum WIND LOAD (PSF)	STIFFENER SPACING			
	36"	24"	18"	12"
15	**	3'0"	5'-3"	6'-11"
20	**	2'5"	3'-11"	5'-11"
25	**	2-1"	3'-2"	4'-9"
30	**	**	2'-7"	3'-11"
35	**	**	2'-3"	3'-4"
40	**	**	1'-11"	2'-11"
45	**	**	1'-9"	2'-7"
50	**	**	1'-7"	2'-4"
55	**	**	**	2'-2"
60	**	**	**	1'-11"

Maximum allowable spans are a function of bending stress, and a deflection limitation of L/60 and 3/4" max.

Assumes 1/8" brake formed 3003 Aluminum hat channel,
3/4" flanges, 1.25" crown, 1" depth

** Denotes panel stress and/or deflection between stiffeners