

SPAN TABLES

Protean Insulated Metal Panels (IMP)

FM-200, FM-100

Recommended Single Spans			Recommended Double Spans		
Wind Load (PSF)	22/22 Gage Steel 2" Foam	.040/.040 Aluminum 2" Foam	Wind Load (PSF)	22/22 Gage Steel 2" Foam	.040/.040 Aluminum 2" Foam
15	10'-7"	9'-1"	15	11'-10"	10'-10"
20	8'-10"	7'-8"	20	9'-11"	9'-0"
25	7'-6"	6'-8"	25	8'-3"	7'-8"
30	6'-7"	5'-11"	30	6'-11"	6'-8"
35	5'-10"	5'-4"	35	5'-11"	5'-10"
40	5'-2"	4'-10"	40	5'-2"	5'-2"
45	4'-8"	4'-5"	45	4'-7"	4'-7"
50	4'-3"	4'-0"	50	4'-2"	4'-1"
55	3'-11"	3'-9"	55	3'-9"	3'-9"
60	3'-8"	3'-5"	60	3'-5"	3'-5"

Recommended Single Spans			Recommended Double Spans		
Wind Load (PSF)	22/22 Gage Steel 1" Foam	.040/.040 Aluminum 1" Foam	Wind Load (PSF)	22/22 Gage Steel 1" Foam	.040/.040 Aluminum 1" Foam
15	5'-11"	5'-2"	15	6'-7"	6'-0"
20	4'-9"	4'-3"	20	5'-1"	4'-10"
25	4'-0"	3'-8"	25	4'-1"	4'-0"
30	3'-5"	3'-2"	30	3'-5"	3'-4"
35	3'-0"	2'-10"	35	2'-11"	2'-10"
40	2'-8"	2'-6"	40	2'-6"	2'-6"
45	2'-5"	2'-3"	45	2'-3"	2'-3"
50	2'-2"	2'-1"	50	2'-0"	2'-0"
55	2'-0"	1'-11"	55	1'-10"	1'-10"
60	1'-10"	1'-9"	60	1'-8"	1'-8"

All span dimensions assume that core material is spanning in the strong direction.

Maximum allowable spans are a function of face stress, core shear, and a deflection limitation of L/180 and 3/4" max.

Aluminum & Galvanized Skins, 2" and 1" Polyisocyanurate Core