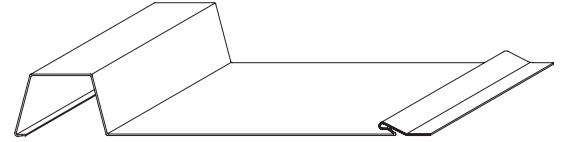


LOAD TABLES
STEEL
ASTM A653
SS 40
8" COVERAGE

MULTI-PURPOSE PANELS MPW080



L/180 DEFLECTION CRITERIA							L/240 DEFLECTION CRITERIA						
.021							.021						
FY=40KSI							FY=40KSI						
POSITIVE BENDING			NEGATIVE BENDING				POSITIVE BENDING			NEGATIVE BENDING			
Yt= 0.964 in.			Yt= 0.491 in.				Yt= 0.964 in.			Yt= 0.491 in.			
S= 0.063 cubic in./ft. (bend.)			S= 0.038 cubic in./ft. (bend.)				S= 0.063 cubic in./ft. (bend.)			S= 0.038 cubic in./ft. (bend.)			
I= 0.068 in.^4/ft. (defl.)			I= 0.030 in.^4/ft. (defl.)				I= 0.068 in.^4/ft. (defl.)			I= 0.030 in.^4/ft. (defl.)			
LOAD (PSF)	DOWNWARD LOAD			UPWARD LOAD			LOAD (PSF)	DOWNWARD LOAD			UPWARD LOAD		
	SINGLE SPAN	DOUBLE SPAN	THREE SPAN	SINGLE SPAN	DOUBLE SPAN	THREE SPAN		SINGLE SPAN	DOUBLE SPAN	THREE SPAN	SINGLE SPAN	DOUBLE SPAN	THREE SPAN
10	* 8'- 4"	7'- 8"	8'- 7"	* 6'- 4"	* 8'- 6"	* 7'- 10"	10	* 7'- 7"	7'- 8"	8'- 7"	* 5'- 9"	* 7'- 9"	* 7'- 2"
15	* 7'- 3"	6'- 3"	7'- 0"	* 5'- 7"	* 7'- 5"	* 6'- 10"	15	* 6'- 7"	6'- 3"	7'- 0"	* 5'- 0"	* 6'- 9"	* 6'- 3"
20	* 6'- 7"	5'- 5"	6'- 1"	* 5'- 0"	* 6'- 9"	* 6'- 3"	20	* 6'- 0"	5'- 5"	6'- 1"	* 4'- 7"	* 6'- 2"	* 5'- 8"
25	* 6'- 2"	4'- 10"	5'- 5"	* 4'- 8"	* 6'- 3"	* 5'- 9"	25	* 5'- 7"	4'- 10"	5'- 5"	* 4'- 3"	* 5'- 8"	* 5'- 3"
30	5'- 9"	4'- 5"	5'- 0"	* 4'- 5"	5'- 9"	5'- 5"	30	* 5'- 3"	4'- 5"	5'- 0"	* 4'- 0"	* 5'- 4"	* 4'- 11"
35	5'- 4"	4'- 1"	4'- 7"	4'- 1"	5'- 4"	5'- 0"	35	* 5'- 0"	4'- 1"	4'- 7"	* 3'- 9"	* 5'- 1"	* 4'- 8"
40	5'- 0"	3'- 10"	4'- 3"	3'- 10"	5'- 0"	4'- 8"	40	* 4'- 9"	3'- 10"	4'- 3"	* 3'- 7"	* 4'- 10"	* 4'- 6"
45	4'- 8"	3'- 7"	4'- 0"	3'- 7"	4'- 8"	4'- 5"	45	* 4'- 7"	3'- 7"	4'- 0"	* 3'- 6"	* 4'- 8"	* 4'- 4"
50	4'- 5"	3'- 5"	3'- 10"	3'- 5"	4'- 5"	4'- 2"	50	* 4'- 5"	3'- 5"	3'- 10"	* 3'- 4"	4'- 5"	* 4'- 2"
55	4'- 3"	3'- 3"	3'- 8"	3'- 3"	4'- 3"	4'- 0"	55	4'- 3"	3'- 3"	3'- 8"	* 3'- 3"	4'- 3"	4'- 0"
60	4'- 1"	3'- 1"	3'- 6"	3'- 1"	4'- 1"	3'- 10"	60	4'- 1"	3'- 1"	3'- 6"	3'- 1"	4'- 1"	3'- 10"
65	3'- 11"	3'- 0"	3'- 4"	3'- 0"	3'- 11"	3'- 8"	65	3'- 11"	3'- 0"	3'- 4"	3'- 0"	3'- 11"	3'- 8"
70	3'- 9"	2'- 11"	3'- 3"	2'- 11"	3'- 9"	3'- 7"	70	3'- 9"	2'- 11"	3'- 3"	2'- 11"	3'- 9"	3'- 7"

Notes:

- * Indicates maximum span controlled by deflection.
- All loads are applied perpendicular to surface of panel.
- No increase for wind loading has been assumed.
- 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.