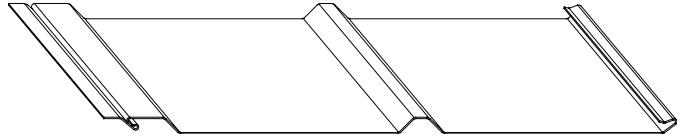


LOAD TABLES  
ALUMINUM  
3105-H14

12" COVERAGE

# MULTI-PURPOSE PANEL MPS120



L/120 DEFLECTION CRITERIA							.024	FTY=18KSI
POSITIVE BENDING				NEGATIVE BENDING				
Yt= 0.3164 in.				Yt= 0.3164 in.				
St= 0.0253 cubic in/ft. (bend.)				St= 0.0253 cubic in/ft. (bend.)				
Sb= 0.1419 cubic in/ft. (bend.)				Sb= 0.1419 cubic in/ft. (bend.)				
I= 0.0083 in. <sup>4</sup> /ft. (defl.)				I= 0.0081 in. <sup>4</sup> /ft. (defl.)				
LOAD (PSF)	DOWNWARD LOAD			UPWARD LOAD				
	SINGLE SPAN	DOUBLE SPAN	THREE SPAN	SINGLE SPAN	DOUBLE SPAN	THREE SPAN		
10	* 3'- 3"	* 4'- 5"	* 4'- 1"	* 3'- 3"	4'- 3"	* 4'- 0"		
15	* 2'- 10"	3'- 9"	* 3'- 7"	* 2'- 10"	3'- 5"	* 3'- 6"		
20	* 2'- 7"	3'- 3"	* 3'- 3"	* 2'- 7"	3'- 0"	* 3'- 2"		
25	* 2'- 5"	2'- 11"	* 3'- 0"	* 2'- 5"	2'- 8"	* 3'- 0"		
30	* 2'- 3"	2'- 8"	* 2'- 10"	* 2'- 3"	2'- 5"	2'- 9"		
35	* 2'- 2"	2'- 5"	* 2'- 8"	* 2'- 2"	2'- 3"	2'- 6"		
40	* 2'- 1"	2'- 3"	* 2'- 7"	* 2'- 0"	2'- 1"	2'- 4"		
45	2'- 0"	2'- 2"	2'- 5"	* 2'- 0"	2'- 0"	2'- 3"		
50	1'- 10"	2'- 0"	2'- 3"	* 1'- 11"	1'- 10"	2'- 1"		
55	1'- 9"	1'- 11"	2'- 2"	* 1'- 10"	1'- 9"	2'- 0"		
60	1'- 8"	1'- 10"	2'- 1"	* 1'- 9"	1'- 8"	1'- 11"		
70	1'- 7"	1'- 9"	1'- 11"	* 1'- 8"	1'- 7"	1'- 9"		

- 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.
  - Due to shallow depth of profile and related section properties .024 thickness values are used conservatively for .032 thickness.