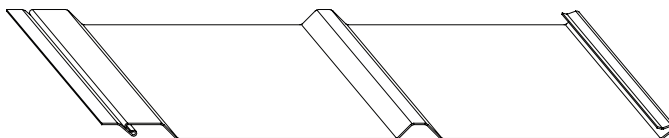


LOAD TABLES
ALUMINUM
3105-H14

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.^4/ft. (defl.)				I= 0.0081 in.^4/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:
1. * Indicates maximum span controlled by deflection.
 2. All loads are applied perpendicular to surface of panel.
 3. No increase for wind loading has been assumed.
 4. 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.
 5. Due to shallow depth of profile and related section properties .024 thickness values are used conservatively for .032 thickness.