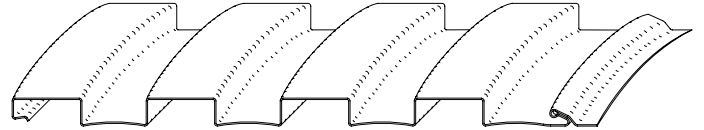


# ARC METAFOR MFX120



12" COVERAGE

L/60 DEFLECTION CRITERIA GAUGE .032"						
AREA: 0.51216 in <sup>2</sup> /ft.		Sb: 0.11112 in <sup>3</sup> /ft.				
Yb: 0.26321 in.		St: 0.10983 in <sup>3</sup> /ft.				
Yt: 0.26629 in.		I: 0.02925 in <sup>4</sup> /ft.				
LOAD (PSF)	DOWNWARD LOAD			UPWARD LOAD		
	SINGLE SPAN	DOUBLE SPAN	THREE SPAN	SINGLE SPAN	DOUBLE SPAN	THREE SPAN
10	6'- 9"	* 7'- 10"	8'- 0"	6'- 9"	* 7'- 10"	8'- 0"
15	5'- 9"	* 6'- 5"	* 7'- 0"	5'- 9"	* 6'- 5"	* 7'- 0"
20	5'- 2"	* 5'- 5"	* 5'- 10"	5'- 2"	* 5'- 5"	* 5'- 10"
25	4'- 10"	* 5'- 0"	* 5'- 5"	4'- 10"	* 5'- 0"	* 5'- 5"
30	* 4'- 5"	* 4'- 9"	* 5'- 0"	* 4'- 5"	* 4'- 9"	* 5'- 0"
35	* 4'- 2"	* 4'- 5"	* 4'- 9"	* 4'- 2"	* 4'- 5"	* 4'- 9"
40	* 4'- 0"	* 4'- 2"	* 4'- 5"	* 4'- 0"	* 4'- 2"	* 4'- 5"
45	* 3'- 10"	* 4'- 0"	* 4'- 3"	* 3'- 10"	* 4'- 0"	* 4'- 3"
50	* 3'- 8"	* 3'- 11"	* 4'- 0"	* 3'- 8"	* 3'- 11"	* 4'- 0"
55	* 3'- 6"	* 3'- 9"	* 3'- 11"	* 3'- 6"	* 3'- 9"	* 3'- 11"
60	* 3'- 4"	* 3'- 7"	* 3'- 9"	* 3'- 4"	* 3'- 7"	* 3'- 9"
65	* 3'- 2"	* 3'- 4"	* 3'- 7"	* 3'- 2"	* 3'- 4"	* 3'- 7"
70	* 3'- 0"	* 3'- 0"	* 3'- 2"	* 3'- 0"	* 3'- 0"	* 3'- 2"

- Notes:
- \*Indicates maximum span length is controlled by stress.
  - All loads are applied perpendicular to surface of panel.
  - All computations have been made in accordance with the Aluminum Association's Specifications for Aluminum Structures.
  - 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.