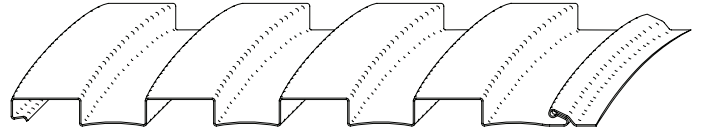


ARC METAFOR MFX120



12" COVERAGE

L/60 DEFLECTION CRITERIA GAUGE .032"						
AREA: 0.51216 in ² /ft.		Sb: 0.11112 in ³ /ft.				
Yb: 0.26321 in.		St: 0.10983 in ³ /ft.				
Yt: 0.26629 in.		I: 0.02925 in ⁴ /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: 1. *Indicates maximum span length is controlled by stress.
 2. All loads are applied perpendicular to surface of panel.
 3. All computations have been made in accordance with the Aluminum Association's Specifications for Aluminum Structures.
 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.