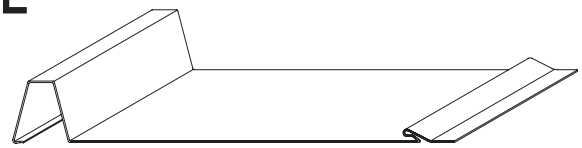
LOAD TABLES

STEEL
ASTM A653
SS 33

8" COVERAGE

MULTI-PURPOSE PANEL MPN080



L/180 DEFLECTION CRITERIA .021 FY=40KSI

POSITIVE BENDING
Yt= 1.016 in.
S= 0.051 cubic in/ft. (bend.)
I= 0.051 in.^4/ft. (defl.)

NEGATIVE BENDING
Yt= 0.598 in.
S= 0.032 cubic in/ft. (bend.)
I= 0.023 in.^4/ft. (defl.)

LOAD (PSF)	DOWNWARD LOAD			UPWARD LOAD		
	SINGLE SPAN	DOUBLE SPAN	THREE SPAN	SINGLE SPAN	DOUBLE SPAN	THREE SPAN
10	* 6'- 8"	5'- 9"	6'- 5"	* 5'- 0"	* 6'- 9"	* 6'- 3"
15	* 5'- 9"	4'- 8"	5'- 3"	* 4'- 5"	* 5'- 11"	* 5'- 5"
20	5'- 2"	4'- 1"	4'- 6"	* 4'- 0"	5'- 2"	* 4'- 11"
25	4'- 7"	3'- 7"	4'- 1"	3'- 7"	4'- 7"	4'- 5"
30	4'- 3"	3'- 4"	3'- 8"	3'- 4"	4'- 3"	4'- 1"
35	3'- 11"	3'- 1"	3'- 5"	3'- 1"	3'- 11"	3'- 9"
40	3'- 8"	2'- 10"	3'- 2"	2'- 10"	3'- 8"	3'- 6"
45	3'- 5"	2'- 8"	3'- 0"	2'- 8"	3'- 5"	3'- 4"
50	3'- 3"	2'- 7"	2'- 10"	2'- 7"	3'- 3"	3'- 2"
55	3'- 1"	2'- 5"	2'- 9"	2'- 5"	3'- 1"	3'- 0"
60	3'- 0"	2'- 4"	2'- 7"	2'- 4"	3'- 0"	2'- 10"
65	2'- 10"	2'- 3"	2'- 6"	2'- 3"	2'- 10"	2'- 9"
70	2'- 9"	2'- 2"	2'- 5"	2'- 2"	2'- 9"	2'- 8"

L/240 DEFLECTION CRITERIA .021 FY=40KSI

POSITIVE BENDING
Yt= 1.016 in.
S= 0.051 cubic in/ft. (bend.)
I= 0.051 in.^4/ft. (defl.)

NEGATIVE BENDING
Yt= 0.598 in.
S= 0.032 cubic in/ft. (bend.)
I= 0.023 in.^4/ft. (defl.)

LOAD (PSF)	DOWNWARD LOAD			UPWARD LOAD		
	SINGLE SPAN	DOUBLE SPAN	THREE SPAN	SINGLE SPAN	DOUBLE SPAN	THREE SPAN
10	* 6'- 0"	5'- 9"	6'- 5"	* 4'- 7"	* 6'- 2"	* 5'- 8"
15	* 5'- 3"	4'- 8"	5'- 3"	* 4'- 0"	* 5'- 4"	* 4'- 11"
20	* 4'- 9"	4'- 1"	4'- 6"	* 3'- 7"	* 4'- 10"	* 4'- 6"
25	* 4'- 5"	3'- 7"	4'- 1"	* 3'- 4"	* 4'- 6"	* 4'- 2"
30	* 4'- 2"	3'- 4"	3'- 8"	* 3'- 2"	4'- 3"	* 3'- 11"
35	3'- 11"	3'- 1"	3'- 5"	* 3'- 0"	3'- 11"	* 3'- 9"
40	3'- 8"	2'- 10"	3'- 2"	2'- 10"	3'- 8"	3'- 6"
45	3'- 5"	2'- 8"	3'- 0"	2'- 8"	3'- 5"	3'- 4"
50	3'- 3"	2'- 7"	2'- 10"	2'- 7"	3'- 3"	3'- 2"
55	3'- 1"	2'- 5"	2'- 9"	2'- 5"	3'- 1"	3'- 0"
60	3'- 0"	2'- 4"	2'- 7"	2'- 4"	3'- 0"	2'- 10"
65	2'- 10"	2'- 3"	2'- 6"	2'- 3"	2'- 10"	2'- 9"
70	2'- 9"	2'- 2"	2'- 5"	2'- 2"	2'- 9"	2'- 8"

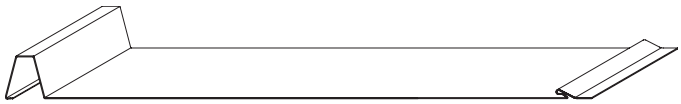
Notes:
1. * Indicates maximum span controlled by deflection.
2. All loads are applied perpendicular to surface of panel.
3. No increase for wind loading has been assumed.
4. Since allowable loads and spans can be affected by actual conditions of use, information in these tables is intended for use only by those qualified to assess these effects.
5. Load tables are based upon section property analysis. Other factors such as fastener adequacy may apply to allowable span conditions per project.

LOAD TABLES

STEEL
ASTM A653
SS 40

16" COVERAGE

MULTI-PURPOSE PANEL MPN160



L/180 DEFLECTION CRITERIA .021 FY=40KSI

POSITIVE BENDING
Yt= 1.121 in.
S= 0.035 cubic in/ft. (bend.)
I= 0.039 in.^4/ft. (defl.)

NEGATIVE BENDING
Yt= 0.598 in.
S= 0.021 cubic in/ft. (bend.)
I= 0.015 in.^4/ft. (defl.)

LOAD (PSF)	DOWNWARD LOAD			UPWARD LOAD		
	SINGLE SPAN	DOUBLE SPAN	THREE SPAN	SINGLE SPAN	DOUBLE SPAN	THREE SPAN
10	* 6'- 11"	5'- 9"	6'- 5"	* 5'- 0"	* 6'- 9"	* 6'- 3"
15	* 6'- 1"	4'- 8"	5'- 3"	* 4'- 5"	* 5'- 11"	* 5'- 5"
20	5'- 3"	4'- 1"	4'- 6"	* 4'- 0"	5'- 3"	* 4'- 11"
25	4'- 8"	3'- 7"	4'- 1"	3'- 7"	4'- 8"	4'- 5"
30	4'- 3"	3'- 4"	3'- 8"	3'- 4"	4'- 3"	4'- 1"
35	4'- 0"	3'- 1"	3'- 5"	3'- 1"	4'- 0"	3'- 9"
40	3'- 8"	2'- 10"	3'- 2"	2'- 10"	3'- 8"	3'- 6"
45	3'- 6"	2'- 8"	3'- 0"	2'- 8"	3'- 6"	3'- 4"
50	3'- 4"	2'- 7"	2'- 10"	2'- 7"	3'- 4"	3'- 2"
55	3'- 2"	2'- 5"	2'- 9"	2'- 5"	3'- 2"	3'- 0"
60	3'- 0"	2'- 4"	2'- 7"	2'- 4"	3'- 0"	2'- 10"
65	2'- 11"	2'- 3"	2'- 6"	2'- 3"	2'- 11"	2'- 9"
70	2'- 9"	2'- 2"	2'- 5"	2'- 2"	2'- 9"	2'- 8"

L/240 DEFLECTION CRITERIA .021 FY=40KSI

POSITIVE BENDING
Yt= 1.121 in.
S= 0.035 cubic in/ft. (bend.)
I= 0.039 in.^4/ft. (defl.)

NEGATIVE BENDING
Yt= 0.598 in.
S= 0.021 cubic in/ft. (bend.)
I= 0.015 in.^4/ft. (defl.)

LOAD (PSF)	DOWNWARD LOAD			UPWARD LOAD		
	SINGLE SPAN	DOUBLE SPAN	THREE SPAN	SINGLE SPAN	DOUBLE SPAN	THREE SPAN
10	* 6'- 4"	5'- 9"	6'- 5"	* 4'- 7"	* 6'- 2"	* 5'- 8"
15	* 5'- 6"	4'- 8"	5'- 3"	* 4'- 0"	* 5'- 4"	* 4'- 11"
20	* 5'- 0"	4'- 1"	4'- 6"	* 3'- 7"	* 4'- 10"	* 4'- 6"
25	* 4'- 8"	3'- 7"	4'- 1"	* 3'- 4"	* 4'- 6"	* 4'- 2"
30	4'- 3"	3'- 4"	3'- 8"	* 3'- 2"	* 4'- 3"	* 3'- 11"
35	4'- 0"	3'- 1"	3'- 5"	* 3'- 0"	4'- 0"	* 3'- 9"
40	3'- 8"	2'- 10"	3'- 2"	2'- 10"	3'- 8"	3'- 6"
45	3'- 6"	2'- 8"	3'- 0"	2'- 8"	3'- 6"	3'- 4"
50	3'- 4"	2'- 7"	2'- 10"	2'- 7"	3'- 4"	3'- 2"
55	3'- 2"	2'- 5"	2'- 9"	2'- 5"	3'- 2"	3'- 0"
60	3'- 0"	2'- 4"	2'- 7"	2'- 4"	3'- 0"	2'- 10"
65	2'- 11"	2'- 3"	2'- 6"	2'- 3"	2'- 11"	2'- 9"
70	2'- 9"	2'- 2"	2'- 5"	2'- 2"	2'- 9"	2'- 8"

Notes:
1. * Indicated 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. Load tables are based upon section property analysis. Other factors such as fastener adequacy may apply to allowable span conditions per project.