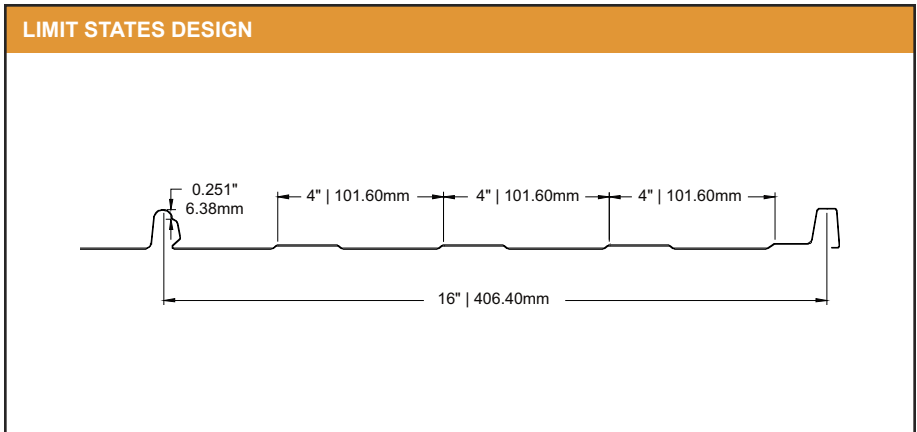


- Column 'A' - Loads based on stress.  
Column 'B' - Loads based on L/180 deflection.  
(\* ) denotes stress governs.
- Table lists value of bending or bearing resistance. *Italic* denotes web crippling governs.
- For deflection loads other than L/180 multiply column 'B' by the following factors:  

DEFLECTION	MULTIPLIER
L/90	2
L/240	0.75
L/360	0.5
- Load tables based on use of A653 Structural Quality Steel Sheet Grade 33 (Fy 227.5MPa, Fu 310.3MPa).



**PHYSICAL PROPERTIES | Per Metre Width.**

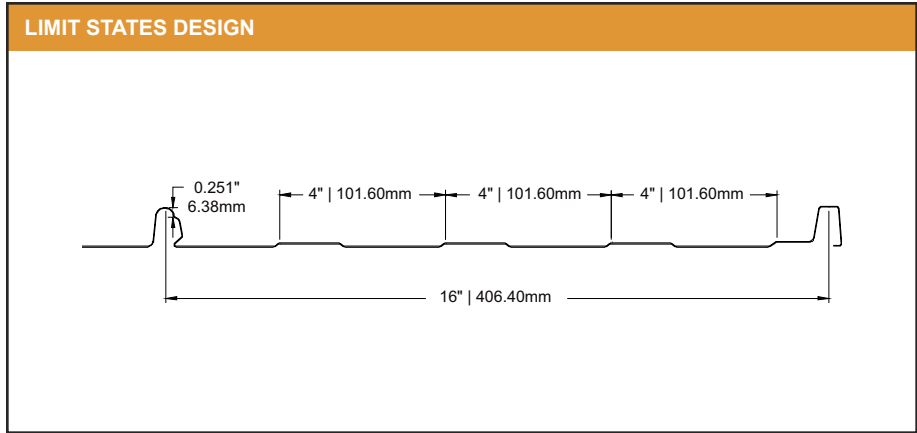
Gauge Number	Base Steel Nominal Thickness	Weight	Overall Depth	MID-SPAN			SUPPORT			Bearing Resist. 2"	
				Section Modulus	Moment Mr	Moment of Inertia	Section Modulus	Moment Mr	Moment of Inertia	EXT	INT
				Sm   mm <sup>3</sup>	kNm	Im   mm <sup>4</sup>	Ss   mm <sup>3</sup>	kNm	Is   mm <sup>4</sup>		
26	0.457	0.064	26.34	809	0.166	20812	4569	0.133	20812	2.77	5.10
24	0.609	0.085	26.34	1059	0.217	24974	5730	0.183	24974	4.52	9.34

**LOAD TABLE | kN/m<sup>2</sup>.**

Span (mm)	1-Span		2-Span		3-Span	
	A	B	A	B	A	B
	0.018	0.024	0.018	0.024	0.018	0.024
300	8.4	14.8	7.4	14.8	7.4	14.8
300	*	*	*	*	*	*
450	6.3	7.9	5.9	10.1	6.2	10.1
450	*	*	*	*	*	*
600	5.0	6.6	4.6	5.9	5.2	7.2
600	*	*	*	*	*	*
750	3.2	4.4	3.0	3.9	3.6	5.0
750	*	*	*	*	*	*
900	2.0	3.0	2.0	2.8	2.5	3.3
900	*	*	*	*	*	*
1050	1.6	2.2	1.5	2.0	1.8	2.4
1050	*	*	*	*	*	*
1200	1.3	1.7	1.1	1.5	1.4	1.9
1200	*	*	*	*	*	*
1350	1.0	1.3	0.9	1.2	1.1	1.5
1350	*	1.1	*	*	*	*
1500	0.7	1.1	0.7	0.9	0.9	1.2
1500	*	0.8	*	*	*	*
1650	0.6	0.8	0.5	0.7	0.7	0.9
1650	0.5	0.6	*	*	0.7	*
1800	0.5	0.6	0.4	0.6	0.6	0.8
1800	0.4	0.5	*	*	0.6	0.8
1950	0.4	0.5	0.4	0.5	0.4	0.6
1950	0.2	0.4	*	*	0.4	0.6

- Column 'A' - Loads based on stress.  
Column 'B' - Loads based on L/180 deflection.  
(\* ) denotes stress governs.
- Table lists lower value of bending or bearing resistance. Italic denotes web crippling governs.
- For deflection loads other than L/180 multiply column 'B' by the following factors:  

DEFLECTION	MULTIPLIER
L/90	2
L/240	0.75
L/360	0.5
- Load tables based on use of A653 Structural Quality Steel Sheet Grade 33 (Fy 33Ksi, Fu 45Ksi).



**PHYSICAL PROPERTIES | Per Foot Width.**

Gauge Number	Base Steel Nominal Thickness	Weight	Overall Depth	MID-SPAN			SUPPORT			Coeff. of Deflect.	Bearing Resist. 2"		
				Section Modulus	Moment Mr	Moment of Inertia	Section Modulus	Moment Mr	Moment of Inertia		L/180	EXT	INT
				Inches	PSF	Inches	Sm	In <sup>3</sup>	K-in		Im	In <sup>4</sup>	Ss
26	0.018	1.339	1.037	0.0327	0.972	0.028	0.164	0.81	0.028	2547	0.19	0.35	
24	0.024	1.778	1.037	0.0428	1.27	0.037	0.207	1.09	0.037	3375	0.31	0.64	

**LOAD TABLE | psf.**

Span (ft.)	1-Span		2-Span		3-Span	
	0.018	0.024	0.018	0.024	0.018	0.024
1.0 A	170	300	150	300	150	300
1.0 B	*	*	*	*	*	*
1.5 A	127	160	120	205	125	205
1.5 B	*	*	*	*	*	*
2.0 A	100	133	93	120	106	146
2.0 B	*	*	*	*	*	*
2.5 A	64	90	60	79	73	100
2.5 B	*	*	*	*	*	*
3.0 A	40	60	40	57	50	67
3.0 B	*	*	*	*	*	*
3.5 A	33	45	30	40	37	50
3.5 B	*	*	*	*	*	*
4.0 A	27	35	23	31	29	39
4.0 B	*	*	*	*	*	*
4.5 A	20	27	18	24	23	31
4.5 B	*	23	*	*	*	*
5.0 A	15	22	14	19	18	24
5.0 B	*	17	*	*	*	*
5.5 A	13	17	11	15	15	19
5.5 B	10	13	*	*	15	*
6.0 A	11	13	9	13	12	16
6.0 B	8	10	*	*	12	16
6.5 A	8	11	8	10	10	13
6.5 B	5	8	*	*	10	13