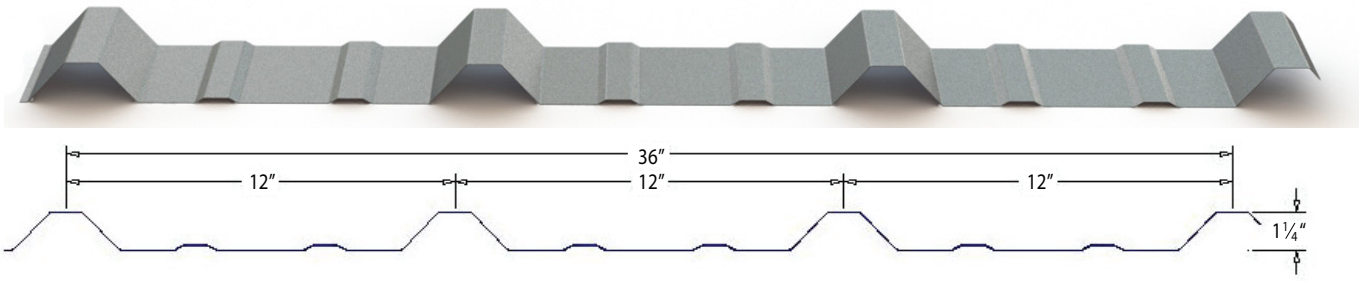
FORMA STEEL

FR Panel Load Table



FR PANEL : NORMAL OCCUPANCY

SECTION PROPERTIES (PER FOOT OF WIDTH)

	Base Steel Thickness (in.)	Weight G90 (psf)	Yield Stress (ksi)	Sec. Modulus Midspan (in^3)	Sec. Modulus Support (in^3)	Deflection Moment of Inertia (in^4)	Specified Web Crippling Data P_{e1} End (lb)	P_{e2} End (lb)	P_{i1} Interior (lb)	P_{i2} Interior (lb)
IMPERIAL	0.0135	0.711	80	0.0262	0.0212	0.0296	21.9	5.47	42.6	7.24
	0.0180	0.929	80	0.0375	0.0313	0.0415	41.6	10.4	80.6	13.7

Live load factor = 1.5; Importance factor = 0.90; Importance Category = 1.0

MAXIMUM UNIFORMLY DISTRIBUTED SPECIFIED LOAD (PSF)

SPAN LENGTH (in.)		1-SPAN BASE STEEL THICKNESS (inches)					2-SPAN BASE STEEL THICKNESS (inches)					3-SPAN BASE STEEL THICKNESS (inches)				
		0.0135	0.0180				0.0135	0.0180				0.0135	0.0180			
18	S	279	400				226	334				282	417			
	D	851	1191				2043	2859				1609	2252			
24	S	157	225				127	188				159	235			
	D	359	503				862	1206				679	950			
30	S	100	144				81	120				102	150			
	D	184	257				441	618				348	486			
36	S	70	100				56	83				71	104			
	D	106	149				255	357				201	281			
42	S	51	73				41	61				52	77			
	D	67	94				161	225				127	177			
48	S	39	56				32	47				40	59			
	D	45	63				108	151				85	119			
54	S	31	44				25	37				31	46			
	D	32	44				76	106				60	83			
60	S	25	36				20	30				25	38			
	D	23	32				55	77				43	61			
66	S	21	30				17	25				21	31			
	D	17	24				41	58				33	46			
72	S	17	25				14	21				18	26			
	D	13	19				32	45				25	35			
	S															
	D															

Notes:

1. Based on ASTM A 653 structural grade steel.
2. Values in row "S" are based on strength.
3. Values in row "D" are based on deflection of 1/180th span.
4. Web crippling not included in strength calculations. See Example.

Limit States Design principles were used in accordance with CSA Standard S136-07

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