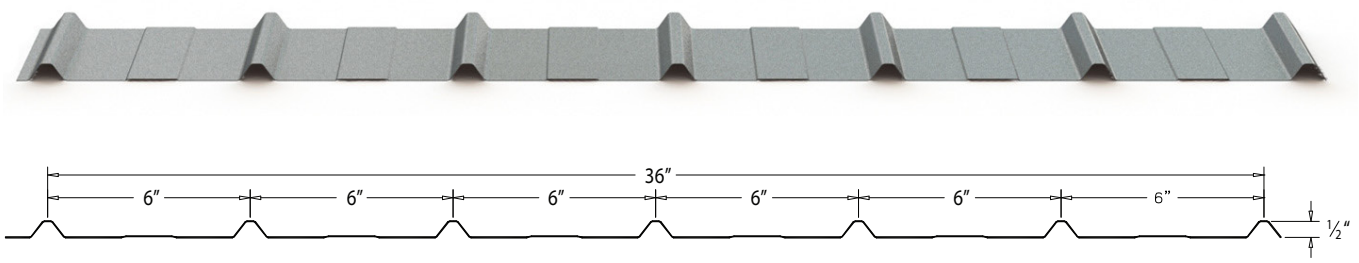
FORMA STEEL

II/6 Load Table



II/6 : NORMAL OCCUPANCY

SECTION PROPERTIES (PER FOOT OF WIDTH)

	Gauge	Coated Steel Thickness (G90) (in.)	Coated Weight (psf)	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	28 (80 ksi)	0.0175	0.76	0.0100	0.0087	0.0441	79.8	20.0	137	23.3
	26 (80 ksi)	0.0205	0.89	0.0118	0.0105	0.0522	116	28.9	202	34.3
	26 (33 ksi)	0.0205	0.89	0.0118	0.0110	0.0522	64.1	16.0	112	19.1
	24 (33 ksi)	0.0255	1.11	0.0148	0.0140	0.0656	106	26.4	188	32.0

MAXIMUM UNIFORMLY DISTRIBUTED SPECIFIED LOAD (PSF)

SPAN LENGTH (in.)		1-SPAN Gauge				2-SPAN Gauge				3-SPAN Gauge			
		28	26	26	24	28	26	26	24	28	26	26	24
		80 ksi	80 ksi	33 ksi	33 ksi	80 ksi	80 ksi	33 ksi	33 ksi	80 ksi	80 ksi	33 ksi	33 ksi
12	S	239	282	156	195	208	251	145	185	260	314	181	232
	D	385	455	455	573	923	1093	1093	1375	727	861	861	1082
16	S	134	158	88	110	117	141	81	104	146	176	102	130
	D	162	192	192	242	389	461	461	580	307	363	363	457
20	S	86	101	56	70	75	90	52	67	94	113	65	83
	D	83	98	98	124	199	236	236	297	157	186	186	234
24	S	60	70	39	49	52	63	36	46	65	78	45	58
	D	48	57	57	72	115	137	137	172	91	108	108	135
30	S	38	45	25	31	33	40	23	30	42	50	29	37
	D	25	29	29	37	59	70	70	88	47	55	55	69
36	S	27	31	17	22	23	28	16	21	29	35	20	26
	D	14	17	17	21	34	40	40	51	27	32	32	40
42	S	19	23	13	16	17	20	12	15	21	26	15	19
	D	9	11	11	13	22	25	25	32	17	20	20	25
48	S	15	18	10	12	13	16	9	12	16	20	11	14
	D	6	7	7	9	14	17	17	21	11	13	13	17
54	S	12	14	8	10	10	12	7	9	13	15	9	11
	D	4	5	5	6	10	12	12	15	8	9	9	12
60	S	10	11	6	8	8	10	6	7	10	13	7	9
	D	3	4	4	5	7	9	9	11	6	7	7	9
72	S	7	8	4	5	6	7	4	5	7	9	5	6
	D	2	2	2	3	4	5	5	6	3	4	4	5

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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