



Installed on vertical and horizontal applications, the **Capital Siding** with its 76mm deep corrugations provides aesthetic and strength which makes it a wise choice for institutional and industrial buildings. It is designed to withstand large loads at wide spans which make it very economical by saving on structural supports.

AVAILABLE MATERIALS*

Mill finish Galvanized Steel
Gauges: 22 (0.81mm),
20 (0.96mm),
18 (1.24mm).

Mill finish Galvalume Plus Steel
Gauge: 22 (0.81mm).

Pre-painted Galvanized Steel
Gauge: 22 (0.81mm).

*For other gauges, colours and finishes, contact our offices.

SECTION PROPERTIES (PER METRE OF WIDTH)									
Base Steel Thickness (mm)	Coated Steel Thickness (Z275) (mm)	Coated Mass (kg/m ²)	Sec. Modulus		Deflection Moment of Inertia (10 ⁶ mm ⁴)	Specified Web Crippling Data			
			Midspan (10 ³ mm ³)	Support (10 ³ mm ³)		P _{e1} End (kN)	P _{e2} End (kN)	P _{i1} Interior (kN)	P _{i2} Interior (kN)
0.762	0.802	10.5	23.4	24.0	1.05	2.13	0.532	4.03	0.686
0.914	0.954	12.6	30.0	30.3	1.32	3.18	0.796	6.04	1.03
1.219	1.26	16.7	41.3	42.9	1.84	5.96	1.49	11.3	1.92

(METRIC)

MAXIMUM UNIFORMLY DISTRIBUTED SPECIFIED LOADS (kPa)										
SPAN LENGTH (m)		1-SPAN			2-SPAN			3-SPAN		
		BASE STEEL THICKNESS (mm)			BASE STEEL THICKNESS (mm)			BASE STEEL THICKNESS (mm)		
		0.762	0.914	1.219	0.762	0.914	1.219	0.762	0.914	1.219
2.0	S	6.45	8.27	11.4	6.62	8.35	11.9	8.28	10.4	14.8
	D	11.4	14.3	19.9	27.4	34.3	47.8	21.6	27.0	37.7
2.2	S	5.33	6.84	9.42	5.47	6.90	9.79	6.84	8.63	12.2
	D	8.58	10.7	15.0	20.6	25.8	35.9	16.2	20.3	28.3
2.4	S	4.48	5.75	7.92	4.60	5.80	8.23	5.75	7.25	10.3
	D	6.61	8.26	11.5	15.9	19.8	27.7	12.5	15.6	21.8
2.6	S	3.82	4.90	6.75	3.92	4.94	7.01	4.90	6.18	8.76
	D	5.20	6.50	9.07	12.5	15.6	21.8	9.82	12.3	17.1
2.8	S	3.29	4.22	5.82	3.38	4.26	6.05	4.22	5.33	7.56
	D	4.16	5.20	7.26	9.98	12.5	17.4	7.86	9.84	13.7
3.0	S	2.87	3.68	5.07	2.94	3.71	5.27	3.68	4.64	6.58
	D	3.38	4.23	5.90	8.12	10.2	14.2	6.39	8.00	11.2
3.2	S	2.52	3.23	4.45	2.59	3.26	4.63	3.23	4.08	5.79
	D	2.79	3.49	4.86	6.69	8.37	11.7	5.27	6.59	9.19
3.4	S	2.23	2.86	3.94	2.29	2.89	4.10	2.86	3.61	5.13
	D	2.32	2.91	4.06	5.58	6.98	9.73	4.39	5.49	7.66
3.6	S	1.99	2.55	3.52	2.04	2.58	3.66	2.56	3.22	4.57
	D	1.96	2.45	3.42	4.70	5.88	8.20	3.70	4.63	6.46
3.8	S	1.79	2.29	3.16	1.83	2.31	3.28	2.29	2.89	4.10
	D	1.66	2.08	2.90	3.99	5.00	6.97	3.15	3.93	5.49
4.0	S	1.61	2.07	2.85	1.66	2.09	2.96	2.07	2.61	3.70
	D	1.43	1.78	2.49	3.42	4.28	5.98	2.70	3.37	4.71
4.2	S	1.46	1.88	2.58	1.50	1.89	2.69	1.88	2.37	3.36
	D	1.23	1.54	2.15	2.96	3.70	5.16	2.33	2.91	4.07
4.4	S	1.33	1.71	2.36	1.37	1.73	2.45	1.71	2.16	3.06
	D	1.07	1.34	1.87	2.57	3.22	4.49	2.03	2.53	3.54
4.6	S	1.22	1.56	2.15	1.25	1.58	2.24	1.57	1.97	2.80
	D	0.94	1.17	1.64	2.25	2.82	3.93	1.77	2.22	3.09
4.8	S	1.12	1.44	1.98	1.15	1.45	2.06	1.44	1.81	2.57
	D	0.83	1.03	1.44	1.98	2.48	3.46	1.56	1.95	2.72
5.0	S	1.03	1.32	1.82	1.06	1.34	1.90	1.32	1.67	2.37
	D	0.73	0.91	1.28	1.75	2.19	3.06	1.38	1.73	2.41

Notes: 1 Based on ASTM A 653 Grade 33 structural 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