



Installed on vertical and horizontal applications, the **Capital Siding** with its 3" 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**  
Perspectra **PLUS**™ Series /  
Weather XL™;;  
see colour chart \*;  
Gauge: 22 (0.81mm).

\*For other gauges,  
colours and finishes,

SECTION PROPERTIES (Per foot of width)									
Base Steel Thickness (in.)	Coated Steel Thickness (G90) (in.)	Coated Weight (psf)	Sec. Modulus		Deflection Moment of Inertia (in <sup>4</sup> )	Specified Web Crippling Data			
			Midspan (in. <sup>3</sup> )	Support (in. <sup>3</sup> )		P <sub>e1</sub> End (lb)	P <sub>e2</sub> End (lb)	P <sub>i1</sub> Interior (lb)	P <sub>i2</sub> Interior (lb)
0.030	0.0315	2.16	0.436	0.447	0.773	144	36.1	273	46.5
0.036	0.0375	2.58	0.559	0.564	0.967	216	54.0	409	69.5
0.048	0.0495	3.42	0.769	0.799	1.35	404	101	766	130

### (IMPERIAL)

MAXIMUM UNIFORMLY DISTRIBUTED SPECIFIED LOADS (PSF)										
SPAN LENGTH (ft)		1-SPAN			2-SPAN			3-SPAN		
		BASE STEEL THICKNESS (inches)			BASE STEEL THICKNESS (inches)			BASE STEEL THICKNESS (inches)		
		0.030	0.036	0.048	0.030	0.036	0.048	0.030	0.036	0.048
6.0	S	160	205	282	164	207	293	205	258	366
	D	312	391	545	749	937	1307	590	738	1029
6.5	S	136	175	240	140	176	249	175	220	312
	D	246	307	428	589	737	1028	464	581	809
7.0	S	117	151	207	120	152	215	151	190	269
	D	197	246	343	472	590	823	372	465	648
7.5	S	102	131	180	105	132	187	131	165	234
	D	160	200	279	384	480	669	302	378	527
8.0	S	90	115	159	92	116	165	115	145	206
	D	132	165	230	316	395	551	249	311	434
8.5	S	80	102	140	82	103	146	102	129	182
	D	110	137	192	264	330	460	208	260	362
9.0	S	71	91	125	73	92	130	91	115	163
	D	93	116	161	222	278	387	175	219	305
9.5	S	64	82	112	65	82	117	82	103	146
	D	79	98	137	189	236	329	149	186	259
10.0	S	58	74	101	59	74	105	74	93	132
	D	67	84	118	162	202	282	127	159	222
10.5	S	52	67	92	54	68	96	67	84	120
	D	58	73	102	140	175	244	110	138	192
11.0	S	48	61	84	49	62	87	61	77	109
	D	51	63	88	122	152	212	96	120	167
11.5	S	43	56	77	45	56	80	56	70	100
	D	44	55	77	106	133	186	84	105	146
12.0	S	40	51	70	41	52	73	51	65	91
	D	39	49	68	94	117	163	74	92	129
12.5	S	37	47	65	38	48	67	47	60	84
	D	35	43	60	83	104	145	65	82	114
13.0	S	34	44	60	35	44	62	44	55	78
	D	31	38	54	74	92	128	58	73	101
13.5	S	32	40	56	32	41	58	40	51	72
	D	27	34	48	66	82	115	52	65	90
14.0	S	29	38	52	30	38	54	38	47	67
	D	25	31	43	59	74	103	46	58	81

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