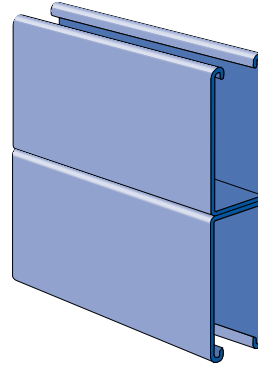
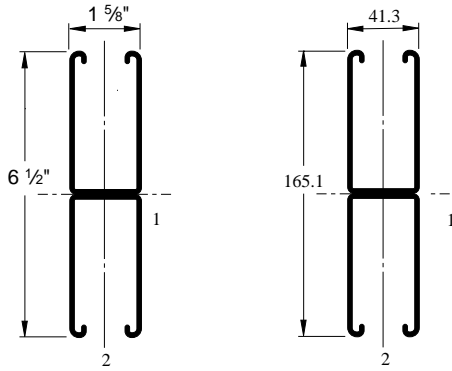




P5001



Wt/100 Ft: 610 Lbs (908 kg/100 m)
 Allowable Moment 33,910 In-Lbs (3,830 N•m)
 12 Gauge Nominal Thickness .105" (2.7mm)

Channel Finishes:
 PL, GR, HG, PG;
 Standard Lengths:
 10' & 20'

COLUMN LOADING – P5001

Unbraced Height In	Maximum Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
		K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
24	9,880	30,190	29,820	29,220	28,500
36	9,700	29,300	28,500	27,220	25,740
48	9,450	28,100	26,750	24,660	22,320
60	9,140	26,630	24,660	23,090	19,770
72	8,750	24,930	22,320	19,770	15,800
84	8,500	23,070	21,110	16,450	12,100
96	7,990	22,440	18,430	13,300	9,260
108	7,420	20,270	15,800	10,540	7,320
120	6,790	18,100	13,300	8,540	**

BEAM LOADING – P5001

Span In	Max Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
			Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
24	6,170 *	0.01	6,170 *	6,170 *	6,170 *
36	6,170 *	0.03	6,170 *	6,170 *	6,170 *
48	5,650	0.05	5,650	5,650	5,650
60	4,520	0.08	4,520	4,520	4,520
72	3,770	0.11	3,770	3,770	3,770
84	3,230	0.15	3,230	3,230	3,230
96	2,830	0.20	2,830	2,830	2,830
108	2,510	0.25	2,510	2,510	2,510
120	2,260	0.31	2,260	2,260	2,260
144	1,880	0.45	1,880	1,880	1,690
168	1,610	0.61	1,610	1,610	1,240
192	1,410	0.79	1,410	1,410	950
216	1,260	1.00	1,260	1,130	750
240	1,130	1.24	1,130	910	610

MATERIAL

Unistrut channels are accurately and carefully cold formed to size from low-carbon strip steel. All spot-welded combination members, except P1001T, are welded 3" (76 mm) maximum on center.

STEEL: PLAIN

12 Ga. (2.7 mm), 14 Ga.(1.9 mm) and 16 Ga. (1.5 mm)
 ASTM A1011 GR33

STEEL: PRE-GALVANIZED

12 Ga. (2.7 mm), 14 Ga. (1.9 mm) and 16 Ga. (1.5mm)
 ASTM A653 GR 33

For other materials, see Special Metals or Fiberglass sections.

FINISHES

All channels are available in:

- Perma Green II (GR)
- Pre-galvanized (PG), conforming to ASTM A653 G90
- Hot-dipped galvanized (HG), conforming to ASTM A123
- Plain (PL)

Project: _____

Approval Stamp:

Architect / Engineer: _____

Date: _____ Phone: _____

Contractor: _____

Address: _____

Notes 1: _____

Notes 2: _____