



Materials & Finishes - Standard:

- **Pregalvanized (PG):** Conforms to ASTM A653 SS GR 33, G90.
- **Unistrut Defender (DF):** Conforms to ASTM A1046 SS GR 33
- **Hot Dip Galvanized (HG):** Steel conforms to ASTM A1011 SS GR 33, Finish conforms to ASTM A123
- **Perma-Green (GR):** Steel conforms to ASTM A1011 SS GR 33, E-Coat finish
- **Perma-Gold (ZD):** Steel conforms to ASTM A1011 SS GR 33, Finish conforms to ASTM B633, Type II SC3
- **Plain (PL):** Conforms to ASTM A1011 SS GR 33

Materials & Finishes - Special Metals:

- **Stainless Steel, Type 304 (SS):** ASTM A240, Type 304 *
- **Stainless Steel, Type 316 (ST):** ASTM A240, Type 316 *
- **Aluminum (EA):** ASTM B221, Type 6063-T6 (Extruded) *

* These materials have different physical properties and performance characteristics. Please [contact us](#) for design support.

Part No.	Length (ft)	Finish	Product Weight / Ft (lbs/ft)
P5500	10	PG	2.47
P5500	20	PG	2.47
P5500	10	HG	2.618
P5500	20	HG	2.618
P5500	10	GR	2.47
P5500	20	GR	2.47
P5500	10	PL	2.47
P5500	20	PL	2.47
P5500	20	ZD	2.47
P5500	10	ZD	2.47
P5500	20	EA	0.97
P5500	10	EA	0.97

Beam Loading - P5500						
Span (in)	Max Allow. Unifor Load (lbs)	Deflection at Uniform Load (in)	Uniform Loading at Deflection			Lateral Bracing Reduction Factor
			Span/180 (lbs)	Span/240 (lbs)	Span/360 (lbs)	
24	3,270	0.04	3,270	3,270	3,270	0.99
36	2,180	0.09	2,180	2,180	2,180	0.89
48	1,640	0.15	1,640	1,640	1,420	0.77
60	1,310	0.24	1,310	1,310	910	0.67
72	1,090	0.34	1,090	950	630	0.58
84	940	0.47	930	700	470	0.51
96	820	0.61	710	530	360	0.46
108	730	0.78	560	420	280	0.42
120	650	0.95	460	340	230	0.40
144	550	1.39	320	240	160	0.36
168	470	1.89	230	170	120	0.32
192	410	2.46	180	130	90	0.30
216	360	3.07	140	110	70	0.28
240	330	3.86	110	90	60	0.26

Refer to the General Specifications for loading information.

Column Loading - P5500					
Unbraced Height (in)	Allowable Load at Slot Face (lbs)	Max Column Load Applied at C.G.			
		K=0.65 (lbs)	K=0.80 (lbs)	K=1.0 (lbs)	K=1.2 (lbs)
24	4,640	13,840	12,570	10,840	9,190
36	3,970	11,050	9,190	7,030	5,370
48	3,180	8,420	6,390	4,620	3,630
60	2,550	6,250	4,620	3,450	2,780
72	2,120	4,790	3,630	2,780	2,260
84	1,810	3,890	3,010	2,330	1,910
96	1,580	3,290	2,580	2,020	1,650
108	1,400	2,860	2,260	1,770	1,440
120	1,270	2,530	2,020	1,580	KL/r>200
144	1,060	2,070	1,650	KL/r>200	KL/r>200
168	920	1,750	1,380	KL/r>200	KL/r>200

Refer to the General Specifications for loading information.

Project:

Architect / Engineer:

Date: **Phone:**

Contractor:

Address:

Notes:

Approval Stamp: