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TERRITORY STEEL

Strengthening the Top End

Flat Bar



Item Name	Length/M	KG/M	TRUE WEIGHT Does not include rolling tolerance.
10 X 3 Flat Bar	4	0.236	
13 X 3 Flat Bar	4	0.307	
13 X 5 Flat Bar	4	0.511	
13 X 6 Flat Bar	4	0.613	
16 X 3 Flat Bar	4	0.388	
16 X 5 Flat Bar	4	0.628	
16 X 6 Flat Bar	4	0.754	
16 X 8 Flat Bar	6	1.01	
20 X 3 Flat Bar	6	0.471	
20 X 5 Flat Bar	6	0.785	
20 X 6 Flat Bar	6	0.942	
20 X 10 Flat Bar	6	1.57	
25 X 3 Flat Bar	6	0.589	
25 X 5 Flat Bar	6	0.982	
25 X 6 Flat Bar	6	1.18	
25 X 8 Flat Bar	6	1.57	
25 X 10 Flat Bar	6	1.97	
25 X 12 Flat Bar	6	2.36	
32 X 3 Flat Bar	6	0.754	
32 X 5 Flat Bar	6	1.26	
32 X 6 Flat Bar	6	1.51	
32 X 8 Flat Bar	6	2.01	
32 X 10 Flat Bar	6	2.52	
32 X 12 Flat Bar	6	3.02	
40 X 3 Flat Bar	6	0.942	
40 X 5 Flat Bar	6	1.57	
40 X 6 Flat Bar	6	1.89	
40 X 8 Flat Bar	6	2.52	
40 X 10 Flat Bar	6	3.14	
40 X 12 Flat Bar	6	3.77	
40 X 16 Flat Bar	6	5.03	



TERRITORY STEEL

Strengthening the Top End

Flat Bar



Item Name	Length/M	KG/M	TRUE WEIGHT Does not include rolling tolerance.
50 X 3 Flat Bar	6	1.18	
50 X 5 Flat Bar	6	1.97	
50 X 6 Flat Bar	6	2.36	
50 X 8 Flat Bar	6	3.14	
50 X 10 Flat Bar	6	3.93	
50 X 12 Flat Bar	6	4.71	
50 X 16 Flat Bar	6	6.28	
50 X 20 Flat Bar	6	7.85	
50 X 25 Flat Bar	6	9.82	
65 X 3 Flat Bar	6	1.54	
65 X 5 Flat Bar	6	2.56	
65 X 6 Flat Bar	6	3.07	
65 X 8 Flat Bar	6	4.09	
65 X 10 Flat Bar	6	5.11	
65 X 12 Flat Bar	6	6.13	
65 X 16 Flat Bar	6	8.17	
65 X 20 Flat Bar	6	10.21	
75 X 5 Flat Bar	6	2.95	
75 X 6 Flat Bar	6	3.54	
75 X 8 Flat Bar	6	4.71	
75 X 10 Flat Bar	6	5.89	
75 X 12 Flat Bar	6	7.07	
75 X 16 Flat Bar	6	9.42	
75 X 20 Flat Bar	6	11.78	
75 X 25 Flat Bar	6	14.72	
90 X 6 Flat Bar	6	4.24	
90 X 8 Flat Bar	6	5.66	
90 X 10 Flat Bar	6	7.07	
90 X 12 Flat Bar	6	8.48	



TERRITORY STEEL

Strengthening the Top End

Flat Bar



Item Name	Length/M	KG/M	TRUE WEIGHT Does not include rolling tolerance.
100 X 5 Flat Bar	6	3.93	
100 X 6 Flat Bar	6	4.71	
100 X 8 Flat Bar	6	6.28	
100 X 10 Flat Bar	6	7.85	
100 X 12 Flat Bar	6	9.42	
100 X 16 Flat Bar	6	12.56	
100 X 20 Flat Bar	6	15.7	
100 X 25 Flat Bar	6	19.63	
100 X 50 Flat Bar	6	39.25	
110 X 6 Flat Bar	6	5.19	
110 X 8 Flat Bar	6	6.91	
110 X 10 Flat Bar	6	8.64	
110 X 12 Flat Bar	6	10.37	
130 X 5 Flat Bar	6	5.11	
130 X 6 Flat Bar	6	6.13	
130 X 8 Flat Bar	6	8.17	
130 X 10 Flat Bar	6	10.21	
130 X 12 Flat Bar	6	12.25	
130 X 16 Flat Bar	6	16.33	
130 X 20 Flat Bar	6	20.41	
130 X 25 Flat Bar	6	25.52	
150 X 5 Flat Bar	6	5.89	
150 X 6 Flat Bar	6	7.07	
150 X 8 Flat Bar	6	9.42	
150 X 10 Flat Bar	6	11.78	
150 X 12 Flat Bar	6	14.13	
150 X 16 Flat Bar	6	18.84	
150 X 20 Flat Bar	6	23.55	
150 X 25 Flat Bar	6	29.44	
150 X 50 Flat Bar	6	58.88	



TERRITORY STEEL

Strengthening the Top End

Flat Bar



Item Name	Length/M	KG/M	TRUE WEIGHT Does not include rolling tolerance.
180 X 6 Flat Bar	6	8.48	
180 X 10 Flat Bar	6	14.13	
180 X 12 Flat Bar	6	16.96	
180 X 16 Flat Bar	6	22.61	
180 X 20 Flat Bar	6	28.26	
200 X 6 Flat Bar	6	9.42	
200 X 8 Flat Bar	6	12.56	
200 X 10 Flat Bar	6	15.7	
200 X 12 Flat Bar	6	18.84	
200 X 16 Flat Bar	6	25.12	
200 X 20 Flat Bar	6	31.4	
200 X 25 Flat Bar	6	39.25	
250 X 6 Flat Bar	6	11.78	
250 X 8 Flat Bar	6	15.7	
250 X 10 Flat Bar	6	19.63	
250 X 12 Flat Bar	6	23.55	
250 X 16 Flat Bar	6	31.4	
250 X 20 Flat Bar	6	39.25	
250 X 25 Flat Bar	6	49.07	
300 X 6 Flat Bar	6	14.13	
300 X 8 Flat Bar	6	18.84	
300 X 10 Flat Bar	6	23.55	
300 X 12 Flat Bar	6	28.26	
300 X 16 Flat Bar	6	37.68	
300 X 20 Flat Bar	6	47.1	
300 X 25 Flat Bar	6	58.88	



TERRITORY STEEL

Strengthening the Top End

Round Bar



Item Name	Length/M	KG/M
6mm Round Bar	6	0.222
8mm Round Bar	6	0.3.95
10mm Round Bar	6	0.617
12mm Round Bar	6	0.888
14mm Round Bar	6	1.21
16mm Round Bar	6*	1.58
18mm Round Bar	6	2.00
20mm Round Bar	6	2.47
22mm Round Bar	6	2.99
24mm Round Bar	6	3.56
27mm Round Bar	6	4.5
30mm Round Bar	6	5.55
33mm Round Bar	6	6.72
36mm Round Bar	6	8.00
39mm Round Bar	6	9.38
42mm Round Bar	6	10.88
45mm Round Bar	6	12.49
48mm Round Bar	6	14.21
50mm Round Bar	6	15.42
56mm Round Bar	6	19.34
60mm Round Bar	6	22.2
65mm Round Bar	6	26.05
75mm Round Bar	6	34.67
80mm Round Bar	6	39.46
90mm Round Bar	6	49.94
100mm Round Bar	6	61.66

To calculate the mass of round bar per metre:
Diameter squared x 0.7854 x 7850 kg.
Eg: For 50 mm round bar $0.05 \times 0.05 \times 0.7854 \times 7850 = 15.41\text{kg / meter}$



TERRITORY STEEL

Strengthening the Top End

Square Bar



Item Name	Length/M	KG/M
10mm Square Bar	6	0.785
12mm Square Bar	6	1.14
16mm Square Bar	6	2.01
20mm Square Bar	6	3.14
25mm Square Bar	6	4.91
50mm Square Bar	6.7	19.63

Deformed Bar



Item Name	Length/M	KG/M
Y12 Bar	6*	0.89
Y16 Bar	6*	1.58
Y20 Bar	12	2.47
Y24 Bar	12	3.56
Y28 Bar	12	4.84
Y36 Bar	12	6.32



TERRITORY STEEL

Strengthening the Top End

Angle - Merchant



Item Name	Length/M	KG/M
20 X 20 X 3 Angle	6	0.87
25 X 25 X 3 Angle	7.5*	1.12
25 X 25 X 5 Angle	7.5*	1.65
25 X 25 X 6 Angle	7.5*	2.08
30 X 30 X 3 Angle	7.5*	1.35
30 X 30 X 5 Angle	7.5*	2.01
30 X 30 X 6 Angle	7.5*	2.56
40 X 40 X 3 Angle	7.5*	1.83
40 X 40 X 5 Angle	7.5*	2.73
40 X 40 X 6 Angle	7.5*	3.5
45 X 45 X 3 Angle	9*	2.06
45 X 45 X 5 Angle	9*	3.1
45 X 45 X 6 Angle	9*	3.97
50 X 50 X 3 Angle	7.5*	2.31
50 X 50 X 5 Angle	7.5*	3.48
50 X 50 X 6 Angle	7.5*	4.46
50 X 50 X 8 Angle	9	5.68
55 X 55 X 5 Angle	9*	3.84
55 X 55 X 6 Angle	9*	4.93
65 X 50 X 5 Angle	9*	4.02
65 X 50 X 6 Angle	9*	5.16
65 X 50 X 8 Angle	9*	6.59
65 X 65 X 5 Angle	9*	4.56
65 X 65 X 6 Angle	9*	5.87
65 X 65 X 8 Angle	9*	7.51
65 X 65 X 10 Angle	9*	9.02
* Available in other lengths = 6/7.5/9/12		



TERRITORY STEEL

Strengthening the Top End

Angle - Merchant



Item Name	Length/M	KG/M
75 X 50 X 5 Angle	9*	4.4
75 X 50 X 6 Angle	9*	5.66
75 X 50 X 8 Angle	9*	7.23
75 X 75 X 5 Angle	9*	5.27
75 X 75 X 6 Angle	9*	6.81
75 X 75 X 8 Angle	9*	8.73
75 X 75 X 10 Angle	9*	10.5
* Available in other lengths = 6/7.5/9/12		

Angle - Light Structural



Item Name	Length/M	KG/M
90 X 90 X 6 Angle	9*	8.22
90 X 90 X 8 Angle	9*	10.6
90 X 90 X 10 Angle	9*	12.7
100 X 75 X 6 Angle	9*	7.98
100 X 75 X 8 Angle	9*	10.3
100 X 75 X 10 Angle	9*	12.4
100 X 100 X 6 Angle	9*	9.16
100 X 100 X 8 Angle	9*	11.8
100 X 100 X 10 Angle	9*	14.2
100 X 100 X 12 Angle	9*	17.7
125 X 75 X 6 Angle	9*	9.16
125 X 75 X 8 Angle	9*	11.8
125 X 75 X 10 Angle	9*	14.2
125 X 75 X 12 Angle	9*	17.7
* Available in other lengths = 6/7.5/9/12		



TERRITORY STEEL

Strengthening the Top End

Angle - tru tur l



Item Name	Length/M	KG/M
125 X 125 X 8 Angle	12*	14.9
125 X 125 X 10 Angle	12*	18
125 X 125 X 12 Angle	12*	22.5
125 X 125 X 16 Angle	12*	29.1
150 X 90 X 8 Angle	12*	14.3
150 X 90 X 10 Angle	12*	17.3
150 X 90 X 12 Angle	12*	21.6
150 X 90 X 16 Angle	12*	27.9
150 X 100 X 10 Angle	12*	18
150 X 100 X 12 Angle	12*	22.5
150 X 150 X 10 Angle	12*	21.9
150 X 150 X 12 Angle	12*	27.3
150 X 150 X 16 Angle	12*	35.4
150 X 150 X 19 Angle	12*	42.1
200 X 200 X 13 Angle	12*	40
200 X 200 X 16 Angle	12*	48.7
200 X 200 X 20 Angle	12*	60.1
200 X 200 X 26 Angle	12*	76.8
* Available in other lengths = 9/10.5/12/15		



TERRITORY STEEL
Strengthening the Top End

Angle - Merchant



Item Name	Length/M	KG/M
75 X 50 X 5 Angle	9*	4.4
75 X 50 X 6 Angle	9*	5.66
75 X 50 X 8 Angle	9*	7.23
75 X 75 X 5 Angle	9*	5.27
75 X 75 X 6 Angle	9*	6.81
75 X 75 X 8 Angle	9*	8.73
75 X 75 X 10 Angle	9*	10.5
* Available in other lengths = 6/7.5/9/12		

Angle - Light Structural



Item Name	Length/M	KG/M
90 X 90 X 6 Angle	9*	8.22
90 X 90 X 8 Angle	9*	10.6
90 X 90 X 10 Angle	9*	12.7
100 X 75 X 6 Angle	9*	7.98
100 X 75 X 8 Angle	9*	10.3
100 X 75 X 10 Angle	9*	12.4
100 X 100 X 6 Angle	9*	9.16
100 X 100 X 8 Angle	9*	11.8
100 X 100 X 10 Angle	9*	14.2
100 X 100 X 12 Angle	9*	17.7
125 X 75 X 6 Angle	9*	9.16
125 X 75 X 8 Angle	9*	11.8
125 X 75 X 10 Angle	9*	14.2
125 X 75 X 12 Angle	9*	17.7
* Available in other lengths = 6/7.5/9/12		



TERRITORY STEEL

Strengthening the Top End

Universal Beam



Item Name	Length/M	KG/M
150 UB 14	9*	14
150 UB 18	9*	18
180 UB 16	9*	16.1
180 UB 18	9*	18.1
180 UB 22	9*	22.2
200 UB 18	9*	18.2
200 UB 22	9*	22.3
200 UB 25	9*	25.4
200 UB 30	9*	29.8
250 UB 25	9*	25.7
250 UB 31	9*	31.4
250 UB 37	9*	37.3
310 UB 32	12*	32
310 UB 40	12*	40.4
310 UB 46	12*	46.2
360 UB 45	12*	44.7
360 UB 51	12*	50.7
360 UB 57	12*	56.7
410 UB 54	12*	53.7
410 UB 60	12*	59.7
460 UB 67	12*	67.1
460 UB 75	12*	74.6
460 UB 82	12*	82.1
530 UB 82	12*	82
530 UB 92	12*	92.4
610 UB 101	12*	101
610 UB 113	12*	113
610 UB 125	12*	125

* Available in other lengths = 9/10.5/12/13.5/15/16.5/18



TERRITORY STEEL
Strengthening the Top End

Universal Column



Item Name	Length/M	KG/M
100 UC 15	9*	14.8
150 UC 23	9*	23.4
150 UC 30	9*	30
150 UC 37	9*	37.2
200 UC 46	9*	46.2
200 UC 52	9*	52.2
200 UC 59	9*	59.5
250 UC 73	9*	72.9
250 UC 89	9*	89.5
310 UC 97	9*	96.8
310 UC 118	9*	118
310 UC 137	9*	137
310 UC 158	9*	158

* Available in other lengths = 9/10.5/12/13.5/15/16.5/18

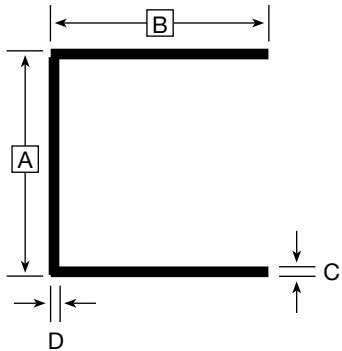


TERRITORY STEEL
Strengthening the Top End

Parallel Flange Channels



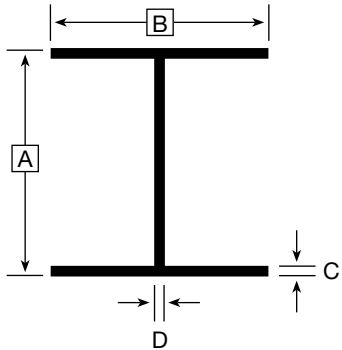
Item Name	Mass Metre	Depth Section	Flange		Web Thick
			Width	Thick	
		A	B	C	D
380 PFC	55.2	380	100	17.5	100
300 PFC	40.1	300	90	16.0	8.0
250 PFC	35.5	250	90	15.0	8.0
230 PFC	25.1	230	75	12.0	6.5
200 PFC	22.9	200	75	12.0	6.0
180 PFC	20.9	180	75	11.0	6.0
150 PFC	17.7	150	75	9.5	6.0
125 PFC	11.9	125	65	7.5	4.7
100 PFC	8.31	100	50	6.7	4.2
75 PFC	5.90	75	40	6.1	3.8



Universal Columns



Item Name	Mass Metre	Depth Section	Flange		Web Thick
			Width	Thick	
		A	B	C	D
310 UC	158	327	311	25.0	15.7
	137	321	309	21.7	13.8
	118	315	307	18.7	11.9
	96.8	308	305	15.4	9.9
250 UC	89.5	260	256	17.3	10.5
	72.9	254	254	14.2	8.6
200 UC	59.5	210	205	14.2	9.3
	52.2	206	204	12.5	8.0
150 UC	46.2	203	203	11.0	7.3
	37.2	162	154	11.5	8.1
	30.0	158	153	9.4	6.6
100UC	23.4	152	152	6.8	6.1
	14.8	97	99	7.0	5.0

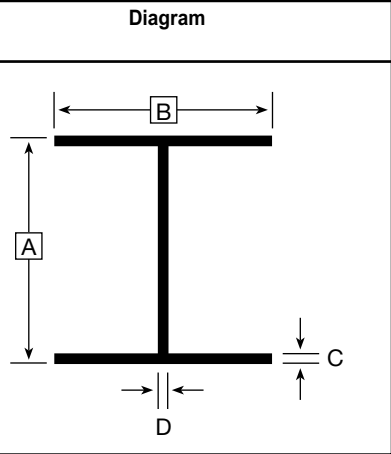


TERRITORY STEEL
Strengthening the Top End

Tapered Flange Beams



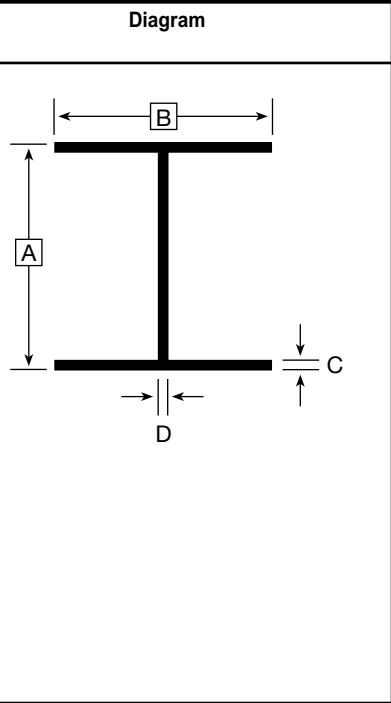
Item Name	Mass Metre	Depth Section	Flange		Web Thick
			Width	Thick	
		A	B	C	D
125 TFB	13.1	125	65.0	8.5	5.0
100TFB	7.20	100	45.0	6.0	4.0



Welded Columns



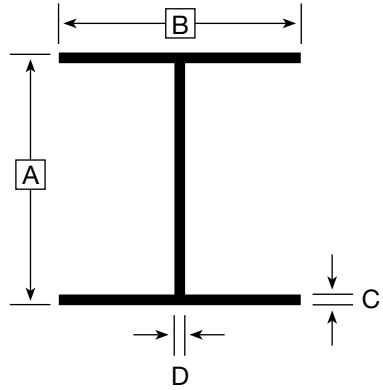
Item Name	Mass Metre	Depth Section	Flange		Web Thick
			Width	Thick	
		A	B	C	D
500 WC	440	480	500	40	40
	414	480	500	40	32
	383	472	500	36	32
	340	514	500	32	25
	290	506	500	28	20
	267	500	500	25	20
	228	490	500	20	20
400 WC	361	430	400	40	40
	328	430	400	40	28
	303	422	400	36	28
	270	414	400	32	25
	212	400	400	25	20
	181	390	400	20	20
	144	382	400	16	16
350 WC	280	355	350	40	28
	258	347	350	36	28
	230	339	350	32	25
	197	331	350	28	20



Universal Beams



Item Name	Mass Metre	Depth Section	Flange		Web Thick
			Width	Thick	
		A	B	C	D
610 UB	125	612	229	19.6	11.9
	113	607	228	17.3	11.2
	101	602	228	14.8	10.6
530 UB	92.4	533	209	15.6	10.2
	82.0	528	209	13.2	9.6
460 UB	82.1	460	191	16.0	9.9
	74.6	457	190	14.5	9.1
	67.1	454	190	12.7	8.5
410 UB	59.7	406	178	12.8	7.8
	53.7	403	178	10.9	7.6
360 UB	56.7	359	172	13.0	8.0
	50.7	356	171	11.5	7.3
	44.7	352	171	9.7	6.9
310 UB	46.2	307	166	11.8	6.7
	40.4	304	165	10.2	6.1
	32.0	298	149	8.0	5.5
250 UB	37.3	256	146	10.9	6.4
	31.4	252	146	8.6	6.1
	25.7	248	124	8.0	5.0
200 UB	29.8	207	134	9.6	6.3
	25.4	203	133	7.8	5.8
	22.3	202	133	7.0	5.0
	18.2	198	99	7.0	4.5
180 UB	22.2	179	90	10.0	6.0
	18.1	175	90	8.0	5.0
	16.1	173	90	7.0	4.5
150 UB	18.0	155	75	9.5	6.0
	14.0	150	75	7.0	5.0

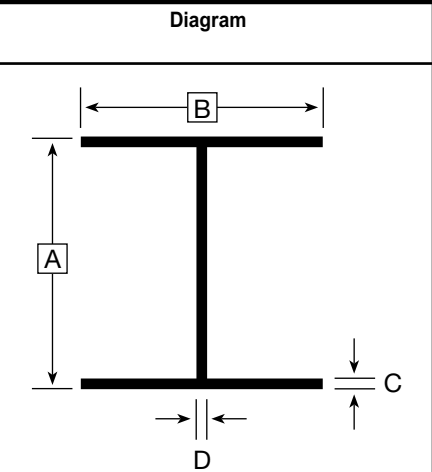


TERRITORY STEEL
Strengthening the Top End

Welded Beams



Item Name	Mass Metre	Depth Section	Flange		Web Thick
			Width	Thick	
		A	B	C	D
1200 WB	455	1200	500	40	16
	423	1192	500	36	16
	392	1184	500	32	16
	342	1184	400	32	16
	317	1176	400	28	16
	278	1170	350	25	16
	249	1170	275	25	16
1000 WB	322	1024	400	32	16
	296	1016	400	28	16
	258	1010	350	25	16
	215	1000	300	20	16
900 WB	282	924	400	32	12
	257	916	400	28	12
	218	910	350	25	12
	175	900	300	20	12
800 WB	192	816	300	28	10
	168	810	275	25	10
	146	800	275	20	10
	122	792	250	16	10
700 WB	173	716	275	28	10
	150	710	250	25	10
	130	700	250	20	10
	115	692	250	16	10



A250 Plate

Item Name	Length	KG/M ²	
3mm Plate *		23.55	
4mm Plate *	* A large range of widths and lengths as well as cut to size are available.	31.4	
5mm Plate *		39.25	
6mm Plate *		47.1	
8mm Plate *		62.8	
10mm Plate *		78.5	
12mm Plate *		94.2	
16mm Plate *		There is also a large range of Q&T PLATE available on request.	125.6
20mm Plate *			157
25mm Plate *			196.25
28mm Plate *			219.8
32mm Plate *	251.2		
36mm Plate *	282.6		
40mm Plate *	314		
45mm Plate *	353.25		
50mm Plate *	392.5		
55mm Plate *	431.75		
60mm Plate *	471		
70mm Plate *	549.5		
80mm Plate *	628		
90mm Plate *	706.5		
100mm Plate *	785		
110mm Plate *	863.5		
120mm Plate *	942		
140mm Plate *	1099		
150mm Plate *	1177.5		

Floor Plate

Item Name	KG/M ²
2.1 Floorplate	18.49
3.0 Floorplate	25.55
5.0 Floorplate	41.25
6.0 Floorplate	49.1
8.0 Floorplate	64.8

To calculate the mass of mild steel plate & flat:

Length X Width X thickness X 7850kg

Eg: For a 10mm plate @ 2400mm x 1700mm

$2.4 \times 1.7 \times 0.01 \times 7850 = 320.28\text{kg}$

Eg: For a 200 x 6 flat bar @ 1200mm

$1.2 \times 0.2 \times 0.006 \times 7850 = 11.304\text{kg}$

Note: * Most price books have an extra 2.5% added onto the weight of merchant bar as a rolling tolerance.

* Add 2 kg per square metre for Floorplate.

* To calculate the mass of aluminium:

Length x width x thickness x 2710 kg

* To calculate the mass of stainless steel:

Painted RHS



LENGTHS PER PACK

Item Name	Length/M	KG/M	Mini	Full
13 X 13 X 1.8 Ptd RHS	6.5	0.568	50	100
15 X 15 X 1.8 Ptd RHS	6.5	0.681	50	100
20 X 20 X 1.6 Ptd RHS	6.5	0.873	49	100
20 X 20 X 2.0 Ptd RHS	6.5	1.05	49	100
25 X 25 X 1.6 Ptd RHS	6.5	1.12	49	100
25 X 25 X 2.0 Ptd RHS	6.5	1.36	49	100
25 X 25 X 2.5 Ptd RHS	6.5	1.64	49	100
25 X 25 X 3.0 Ptd RHS	6.5	1.89	49	100
30 X 30 X 1.6 Ptd RHS	8	1.38	49	100
30 X 30 X 2.0 Ptd RHS	8	1.68	49	100
30 X 30 X 2.5 Ptd RHS	8	2.03	49	100
30 X 30 X 3.0 Ptd RHS	8	2.36	36	64
35 X 35 X 1.6 Ptd RHS	8	1.63	49	100
35 X 35 X 2.0 Ptd RHS	8	1.99	49	100
35 X 35 X 2.5 Ptd RHS	8	2.42	36	64
35 X 35 X 3.0 Ptd RHS	8	2.83	36	64
40 X 40 X 1.6 Ptd RHS	8	1.88	36	81
40 X 40 X 2.0 Ptd RHS	8	2.31	36	81
40 X 40 X 2.5 Ptd RHS	8	2.82	36	64
40 X 40 X 3.0 Ptd RHS	8	3.3	36	64
40 X 40 X 4.0 Ptd RHS	8	4.09	25	49
50 X 20 X 1.6 Ptd RHS	8	1.63	-	96
50 X 20 X 2.0 Ptd RHS	8	1.99	-	96
50 X 20 X 2.5 Ptd RHS	8	2.25	-	72
50 X 20 X 3.0 Ptd RHS	8	2.42	-	72



TERRITORY STEEL

Strengthening the Top End

Painted RHS



LENGTHS PER PACK

Item Name	Length/M	KG/M	Mini	Full
50 X 25 X 1.6 Ptd RHS	8	1.75	48	96
50 X 25 X 2.0 Ptd RHS	8	2.15	48	96
50 X 25 X 2.5 Ptd RHS	8	2.62	36	72
50 X 25 X 3.0 Ptd RHS	8	3.07	30	60
50 X 50 X 1.6 Ptd RHS	8	2.38	30	64
50 X 50 X 2.0 Ptd RHS	8	2.93	30	64
50 X 50 X 2.5 Ptd RHS	8	3.6	25	49
50 X 50 X 3.0 Ptd RHS	8	4.25	25	49
50 X 50 X 4.0 Ptd RHS	8	5.35	20	36
50 X 50 X 5.0 Ptd RHS	8	6.39	16	30
50 X 50 X 6.0 Ptd RHS	8	7.79	-	25
65 X 35 X 2.0 Ptd RHS	8	2.93	24	54
65 X 35 X 2.5 Ptd RHS	8	3.6	24	54
65 X 35 X 3.0 Ptd RHS	8	4.25	21	45
65 X 35 X 4.0 Ptd RHS	8	5.45	21	45
65 X 65 X 2.0 Ptd RHS	8	3.88	20	42
65 X 65 X 2.5 Ptd RHS	8	4.78	20	42
65 X 65 X 3.0 Ptd RHS	8	5.66	20	36
65 X 65 X 4.0 Ptd RHS	8	7.23	16	30
65 X 65 X 5.0 Ptd RHS	8	8.75	12	25
65 X 65 X 6.0 Ptd RHS	8	10.1	12	20
75 X 25 X 1.6 Ptd RHS	8	2.38	32	65
75 X 25 X 2.0 Ptd RHS	8	2.93	32	65
75 X 25 X 2.5 Ptd RHS	8	3.6	24	48
75 X 50 X 2.0 Ptd RHS	8	3.72	20	42
75 X 50 X 2.5 Ptd RHS	8	4.58	20	42
75 X 50 X 3.0 Ptd RHS	8	5.42	18	35
75 X 50 X 4.0 Ptd RHS	8	6.92	12	28
75 X 50 X 5.0 Ptd RHS	8	8.35	12	24
75 X 50 X 6.0 Ptd RHS	8	9.67	12	20
* Available in other lengths = 8/9/10/12				



TERRITORY STEEL

Strengthening the Top End

Painted RHS



LENGTHS PER PACK

Item Name	Length/M	KG/M	Mini	Full
75 X 75 X 2.5 Ptd RHS	8	5.56	16	30
75 X 75 X 3.0 Ptd RHS	8	6.6	16	30
75 X 75 X 3.5 Ptd RHS	8	7.53	12	25
75 X 75 X 4.0 Ptd RHS	8*	8.49	12	25
75 X 75 X 5.0 Ptd RHS	8	10.3	9	20
75 X 75 X 6.0 Ptd RHS	8	12	9	16
89 X 89 X 3.5 Ptd RHS	8	9.06	9	20
89 X 89 X 5.0 Ptd RHS	8	12.5	9	16
89 X 89 X 6.0 Ptd RHS	8	14.6	6	12
100 X 50 X 2.0 Ptd RHS	8	4.5	15	32
100 X 50 X 2.5 Ptd RHS	8	5.56	15	32
100 X 50 X 3.0 Ptd RHS	8	6.6	15	32
100 X 50 X 3.5 Ptd RHS	8	7.61	12	24
100 X 50 X 4.0 Ptd RHS	8	8.49	12	24
100 X 50 X 5.0 Ptd RHS	8	10.3	9	18
100 X 50 X 6.0 Ptd RHS	8	12	9	15
100 X 100 X 3.0 Ptd RHS	8*	8.96	9	20
100 X 100 X 4.0 Ptd RHS	8*	11.6	9	16
100 X 100 X 5.0 Ptd RHS	8*	14.2	6	12
100 X 100 X 6.0 Ptd RHS	8*	16.7	6	12
100 X 100 X 9.0 Ptd RHS	8*	23.5	-	6
102 X 76 X 5.0 Ptd RHS	8*	12.51	-	15
102 X 76 X 6.0 Ptd RHS	8*	14.67	-	12
125 X 75 X 3.0 Ptd RHS	8*	8.96	12	20
125 X 75 X 4.0 Ptd RHS	8*	11.6	8	15
125 X 75 X 5.0 Ptd RHS	8*	14.2	8	15
125 X 75 X 6.0 Ptd RHS	8*	16.7	6	12
125 X 125 X 4.0 Ptd RHS	8*	14.8	6	12
125 X 125 X 5.0 Ptd RHS	8*	18.2	6	12
125 X 125 X 6.0 Ptd RHS	8*	21.4	4	9
125 X 125 X 9.0 Ptd RHS	8*	30.6	-	8
* Available in other lengths = 8/9/10/12				



TERRITORY STEEL

Strengthening the Top End

Painted RHS



LENGTHS PER PACK

Item Name	Length/M	KG/M	Mini	Full
127 X 51 X 3.5 Ptd RHS	8	9.06	-	21
150 X 50 X 3.0 Ptd RHS	8*	8.96	12	21
150 X 50 X 4.0 Ptd RHS	8*	11.6	8	15
150 X 50 X 5.0 Ptd RHS	8*	14.2	8	15
150 X 50 X 6.0 Ptd RHS	8*	16.98	8	15
150 X 100 X 4.0 Ptd RHS	8*	14.8	8	12
150 X 100 X 5.0 Ptd RHS	8*	18.2	8	12
150 X 100 X 6.0 Ptd RHS	8*	21.4	4	9
150 X 100 X 9.0 Ptd RHS	8*	37.7	-	6
150 X 150 X 5.0 Ptd RHS	8*	22.1	-	9
150 X 150 X 6.0 Ptd RHS	8*	26.2	-	6
150 X 150 X 9.0 Ptd RHS	8*	37.7	-	6
152 X 76 X 5.0 Ptd RHS	8	16.44	-	12
152 X 76 X 6.0 Ptd RHS	8	19.38	-	9
200 X 100 X 4.0 Ptd RHS	8*	17.9	-	8
200 X 100 X 5.0 Ptd RHS	8*	22.1	-	8
200 X 100 X 6.0 Ptd RHS	8*	26.2	-	8
200 X 100 X 9.0 Ptd RHS	8*	37.7	-	6
200 X 200 X 5.0 Ptd RHS	8*	29.9	-	6
200 X 200 X 6.0 Ptd RHS	8*	35.6	-	4
200 X 200 X 9.0 Ptd RHS	8*	51.8	-	4
250 X 150 X 5.0 Ptd RHS	8*	29.9	-	6
250 X 150 X 6.0 Ptd RHS	8*	35.6	-	4
250 X 150 X 9.0 Ptd RHS	8*	51.8	-	4
250 X 250 X 6.0 Ptd RHS	8*	45	-	4
250 X 250 X 9.0 Ptd RHS	8*	65.9	-	2
* Available in other lengths = 8/9/10/12				



TERRITORY STEEL

Strengthening the Top End

Gal RHS



LENGTHS PER PACK

Item Name	Length/M	KG/M	Mini	Full
20 X 20 X 1.6 Gal RHS	6.5	0.873	49	100
25 X 25 X 1.6 Gal RHS	6.5	1.12	49	100
25 X 25 X 2.0 Gal RHS	6.5	1.36	49	100
25 X 25 X 2.5 Gal RHS	6.5	1.64	49	100
25 X 25 X 3.0 Gal RHS	6.5	1.89	49	100
30 X 30 X 1.6 Gal RHS	8	1.38	49	100
30 X 30 X 2.0 Gal RHS	8	1.68	49	100
30 X 30 X 2.5 Gal RHS	8	2.03	49	100
30 X 30 X 3.0 Gal RHS	8	2.36	36	64
35 X 35 X 1.6 Gal RHS	8	1.63	49	100
35 X 35 X 2.0 Gal RHS	8	1.99	49	100
35 X 35 X 2.5 Gal RHS	8	2.42	30	64
35 X 35 X 3.0 Gal RHS	8	2.83	30	64
40 X 40 X 1.6 Gal RHS	8	1.88	36	81
40 X 40 X 2.0 Gal RHS	8	2.31	36	81
40 X 40 X 2.5 Gal RHS	8	2.82	30	64
40 X 40 X 3.0 Gal RHS	8	3.3	30	64
40 X 40 X 4.0 Gal RHS	8	4.09	25	49
50 X 20 X 1.6 Gal RHS	8	1.63	-	96
50 X 25 X 1.6 Gal RHS	8	1.75	48	96
50 X 25 X 2.0 Gal RHS	8	2.15	48	96
50 X 25 X 2.5 Gal RHS	8	2.62	36	72
50 X 25 X 3.0 Gal RHS	8	3.07	30	60
50 X 50 X 1.6 Gal RHS	8	2.38	30	64
50 X 50 X 2.0 Gal RHS	8	2.93	30	64
50 X 50 X 2.5 Gal RHS	8	3.6	25	49
50 X 50 X 3.0 Gal RHS	8	4.25	25	49
50 X 50 X 4.0 Gal RHS	8	5.35	20	36



TERRITORY STEEL

Strengthening the Top End

Gal RHS



LENGTHS PER PACK

Item Name	Length/M	KG/M	Mini	Full
65 X 35 X 2.0 Gal RHS	8	2.93	24	54
65 X 35 X 2.5 Gal RHS	8	3.6	24	54
65 X 35 X 3.0 Gal RHS	8	4.25	21	45
65 X 65 X 2.0 Gal RHS	8	3.88	20	42
65 X 65 X 2.5 Gal RHS	8	4.78	20	42
65 X 65 X 3.0 Gal RHS	8	5.66	20	36
65 X 65 X 4.0 Gal RHS	8	7.23	16	30
65 X 65 X 5.0 Gal RHS	8	8.75	12	25
75 X 25 X 1.6 Gal RHS	8	2.38	32	65
75 X 25 X 2.0 Gal RHS	8	2.93	32	65
75 X 25 X 2.5 Gal RHS	8	3.6	24	48
75 X 50 X 2.0 Gal RHS	8	3.72	20	42
75 X 50 X 2.5 Gal RHS	8	4.58	20	42
75 X 50 X 3.0 Gal RHS	8	5.42	18	35
75 X 50 X 4.0 Gal RHS	8	6.92	12	28
75 X 75 X 2.5 Gal RHS	8	5.56	16	30
75 X 75 X 3.0 Gal RHS	8	6.6	16	30
75 X 75 X 3.5 Gal RHS	8*	7.53	12	25
75 X 75 X 4.0 Gal RHS	8*	8.49	12	25
75 X 75 X 5.0 Gal RHS	8	10.3	9	20
75 X 75 X 6.0 Gal RHS	8	12	9	16
89 X 89 X 3.5 Gal RHS	8	9.07	9	20
90 X 90 X 2.0 Gal RHS	8	5.38	-	20
100 X 50 X 2.0 Gal RHS	8	4.5	15	32
100 X 50 X 2.5 Gal RHS	8	5.56	15	32
100 X 50 X 3.0 Gal RHS	8	6.6	15	32
100 X 50 X 3.5 Gal RHS	8		12	24
100 X 50 X 4.0 Gal RHS	8	8.49	15	32
100 X 50 X 5.0 Gal RHS	8	10.3	9	18
* Available in other lengths = 8/9/10/12				



TERRITORY STEEL

Strengthening the Top End

Gal RHS



LENGTHS PER PACK

Item Name	Length/M	KG/M	Mini	Full
100 X 100 X 3.0 Gal RHS	8*	8.96	9	20
100 X 100 X 4.0 Gal RHS	8*	11.6	9	16
100 X 100 X 5.0 Gal RHS	8*	14.2	6	12
100 X 100 X 6.0 Gal RHS	8*	16.7	6	12
125 X 75 X 3.0 Gal RHS	8*	8.96	12	20
125 X 75 X 4.0 Gal RHS	8*	11.6	8	15
125 X 75 X 5.0 Gal RHS	8*	14.2	8	15
150 X 50 X 3.0 Gal RHS	8	8.96	12	21
150 X 50 X 4.0 Gal RHS	8	11.6	8	15
* Available in other lengths = 8/9/10/12				

Black Pipe



Item Name	Imperial	O/D	Wall/MM	Length/M	KG/M
8 nb Med Blk Pipe	1/4"	13.5	2.3	6.5	0.641
10nb Med Blk Pipe	3/8"	17.2	2.3	6.5	0.839
15nb Lgt Blk Pipe	1/2"	21.3	2	6.5	0.952
15nb Med Blk Pipe	1/2"	21.3	2.6	6.5	1.21
20nb Lgt Blk Pipe	3/4"	26.9	2.3	6.5	1.4
20nb Med Blk Pipe	3/4"	26.9	2.6	6.5	1.56
20nb Hvy Blk Pipe	3/4"	26.9	3.2	6.5	1.87
25nb Lgt Blk Pipe	1"	33.7	2.6	6.5	1.99
25nb Med Blk Pipe	1"	33.7	3.2	6.5	2.41
25nb Hvy Blk Pipe	1"	33.7	4	6.5	2.94
25nb Xhvy Blk Pipe	1"	33.7	4.5	6.5	3.24
32nb Lgt Blk Pipe	1 1/4"	42.4	2.6	6.5	2.55
32nb Med Blk Pipe	1 1/4"	42.4	3.2	6.5	3.1
32nb Hvy Blk Pipe	1 1/4"	42.4	4	6.5	3.8
32nb Xhvy Blk Pipe	1 1/4"	42.4	4.9	6.5	4.53



TERRITORY STEEL

Strengthening the Top End

Black Pipe



Item Name	Imperial	O/D	Wall/MM	Length/M	KG/M
40nb Lgt Blk Pipe	1 1/2"	48.3	2.9	6.5	3.25
40nb Med Blk Pipe	1 1/2"	48.3	3.2	6.5	3.57
40nb Hvy Blk Pipe	1 1/2"	48.3	4	6.5	4.38
40nb Xhvy Blk Pipe	1 1/2"	48.3	5.4	6.5	5.24
50nb Lgt Blk Pipe	2"	60.3	2.9	6.5	4.11
50nb Med Blk Pipe	2"	60.3	3.6	6.5	5.03
50nb Hvy Blk Pipe	2"	60.3	4.5	6.5	6.19
50nb Xhvy Blk Pipe	2"	60.3	5.4	6.5	7.31
65nb Lgt Blk Pipe	2 1/2"	76.1	3.2	6.5	5.75
65nb Med Blk Pipe	2 1/2"	76.1	3.6	6.5	6.43
65nb Hvy Blk Pipe	2 1/2"	76.1	4.5	6.5	7.93
80nb Lgt Blk Pipe	3"	88.9	3.2	6.5	6.76
80nb Med Blk Pipe	3"	88.9	4	6.5	8.37
80nb Hvy Blk Pipe	3"	88.9	5	6.5	10.3
90nb Lgt Blk Pipe	3 1/2"	101.6	3.2	6.5	7.77
90nb Med Blk Pipe	3 1/2"	101.6	4	6.5	9.63
90nb Hvy Blk Pipe	3 1/2"	101.6	5	6.5	11.9
100nb Lgt Blk Pipe	4"	114.3	3.6	6.5	9.83
100nb Med Blk Pipe	4"	114.3	4.5	6.5	12.2
100nb Hvy Blk Pipe	4"	114.3	5.4	6.5	14.5
125nb Lgt Blk Pipe	5"	139.7	3.5	6.5	11.8
125nb Med Blk Pipe	5"	139.7	5	6.5	16.6
125nb Hvy Blk Pipe	5"	139.7	5.4	6.5	17.9
150nb Lgt Blk Pipe	6"	165.1	3.5	6.5	13.9
150nb Med Blk Pipe	6"	165.1	5	6.5	19.7
150nb Hvy Blk Pipe	6"	165.1	5.4	6.5	21.3



TERRITORY STEEL

Strengthening the Top End

Gal Pipe



Item Name	Imperial	O/D	Wall/MM	Length/M	KG/M
8nb Med Gal Pipe	1/4"	13.5	2.3	6.5	0.675
10nb Med Gal Pipe	3/8"	17.2	2.3	6.5	0.885
15nb Lgt Gal Pipe	1/2"	21.3	2	6.5	1.01
15nb Med Gal Pipe	1/2"	21.3	2.6	6.5	1.26
20nb Xlgt Gal Pipe	3/4"	26.9	2	6.5	1.3
20nb Lgt Gal Pipe	3/4"	26.9	2.3	6.5	1.47
20nb Med Gal Pipe	3/4"	26.9	2.6	6.5	1.63
20nb Heavy Gal Pipe	3/4"	26.9	3.2	6.5	1.94
25nb Xlgt Gal Pipe	1"	33.7	2	6.5	1.66
25nb Lgt Gal Pipe	1"	33.7	2.6	6.5	2.09
25nb Med Gal Pipe	1"	33.7	3.2	6.5	2.51
25nb Hvy Gal Pipe	1'	33.7	4	6.5	3.03
		4.5			
32nb Xlgt Gal Pipe	1 1/4"	42.4	2	6.5	2.12
32nb Lgt Gal Pipe	1 1/4"	42.4	2.6	6.5	2.67
32nb Med Gal Pipe	1 1/4 "	42.4	3.2	6.5	3.22
32nb Hvy Gal Pipe	1 1/4"	42.4	4	6.5	3.92
40nb Xlgt Gal Pipe	1 1/2"	48.3	2.3	6.5	2.75
40nb Lgt Gal Pipe	1 1/2"	48.3	2.9	6.5	3.39
40nb Med Gal Pipe	1 1/2"	48.3	3.2	6.5	3.7
40nb Hvy Gal Pipe	1 1/2"	48.3	4	6.5	4.52
50nb Xlgt Fal Pipe	2"	60.3	2.3	6.5	3.47
50nb Lgt Gal Pipe	2"	60.3	2.9	6.5	4.28
50nb Med Gal Pipe	2"	60.3	3.6	6.5	5.21
50nb Hvy Gal Pipe	2"	60.3	4.5	6.5	6.36
65nb Lgt Gal Pipe	2 1/2"	76.1	3.2	6.5	5.98
65nb Med Gal Pipe	2 1/2"	76.1	3.6	6.5	6.65
65nb Hvy Gal Pipe	2 1/2"	76.1	4.5	6.5	8.15



TERRITORY STEEL

Strengthening the Top End

Gal Pipe



Item Name	Imperial	O/D	Wall/MM	Length/M	KG/M
80nb Lgt Gal Pipe	3	88.9	3.2	6.5	7.02
80nb Med Gal Pipe	3	88.9	4	6.5	8.62
80nb Hvy Gal Pipe	3	88.9	5	6.5	10.6
90nb Lgt Gal Pipe	3 1/2"	101.6	3.2	6.5	8.02
90nb Med Gal Pipe	3 1/2"	101.6	4	6.5	9.95
90nb Hvy Gal Pipe	3 1/2"	101.6	5	6.5	12.2
100nb Lgt Gal Pipe	4"	114.3	3.6	6.5	10.1
100nb Med Gal Pipe	4"	114.3	4.5	6.5	12.5
100nb Hvy Gal Pipe	4"	114.3	5.4	6.5	14.8
125nb Lgt Gal Pipe	5"	139.7	3.5	6.5	12.1
125nb Med Gal Pipe	5"	139.7	5	6.5	17.1
125nb Hvy Gal Pipe	5"	139.7	5.4	6.5	18.3
150nb Lgt Gal Pipe	6"	165.1	3.5	6.5	14.4
150nb Med Gal Pipe	6"	165.1	5	6.5	20.3
150nb Hvy Fal Pipe	6"	165.1	5.4	6.5	21.8

To calculate the mass of black round pipe & tube per metre:

Outside Diameter - wall thicknes X wall thickness X 0.0246615

**E.g: For a 219.1 mm diameter x 6.4mm wall thickness line pipe
 $219.1 - 6.4 \times 6.4 \times 0.0246615 = 33.57\text{kg / Metre}$**

**E.g: For 25nb med blk pipe
 $33.7 - 3.2 \times 3.2 \times 0.0246615 = 2.4\text{kg / metre}$**

Note: * Most price books have an extra 2.5% added onto the weight of pipe as rolling tolerance.



TERRITORY STEEL

Strengthening the Top End

Pipe Conversion Table

N.B.	SIZE		SCHEDULE												
	INCH	O.D.	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS
6	1/8	10.30				1.73	1.73		2.41	2.41					
8	1/4	13.70				2.24	2.24		3.02	3.02					
10	3/8	17.10				2.31	2.31		3.20	3.20					
15	1/2	21.30				2.77	2.77		3.73	3.73				4.78	7.47
20	3/4	26.70				2.87	2.87		3.91	3.91				5.56	7.82
25	1	33.40				3.38	3.38		4.55	4.55				6.35	9.09
32	1 1/4	42.20				3.56	3.56		4.85	4.85				6.35	9.70
40	1 1/2	48.30				3.68	3.68		5.08	5.08				7.14	10.16
50	2	60.30				3.91	3.91		5.54	5.54				8.74	11.07
65	2 1/2	73.00				5.16	5.16		7.01	7.01				9.53	14.02
80	3	88.90				5.49	5.49		7.62	7.62				11.13	15.24
90	3 1/2	101.60				5.74	5.74		8.08	8.08					16.15
100	4	114.30				6.02	6.02		8.56	8.56		11.13		13.47	17.12
125	5	141.30				6.55	6.55		9.53	9.53		12.70		15.88	19.05
150	6	168.30				7.11	7.11		10.97	10.97		14.27		18.26	21.95
200	8	219.10		6.35	7.04	8.18	8.18	10.31	12.70	12.70	15.06	18.26	20.62	23.01	22.22
250	10	273.00		6.35	7.80	9.27	9.27	12.70	12.70	15.09	18.26	21.41	25.40	28.58	25.41
300	12	323.90		6.35	8.38	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	25.40
350	14	355.60	6.35	7.92	9.53	9.53	11.13	15.09	12.70	19.05	23.83	27.79	31.75	35.71	
400	16	406.40	6.35	7.92	9.53	9.53	12.70	16.66	12.70	21.44	26.19	30.96	36.53	40.40	
450	18	457.00	6.35	7.92	11.13	9.53	14.27	19.05	12.70	23.83	29.36	34.93	39.68	45.24	
500	20	508.00	6.35	9.53	12.70	9.53	15.06	20.62	12.70	26.19	32.54	38.10	44.45	49.78	
600	24	609.60	6.35	9.53	14.27	9.53	17.48	24.61	12.70	30.96	38.89	46.02	52.34	59.54	
750	30	762.00	7.92	12.70	15.88	9.53			12.70						

Duragal - Flat

Item Name	Length/M	KG/LM	Pack
50 X 4 Flat	6	1.49	57
50 X 5 Flat	6	1.84	45
65 X 4 Flat	6	1.94	44
65 X 5 Flat	6	2.40	36
75 X 4 Flat	6	2.24	38
75 X 5 Flat	6	2.77	32
100 X 4 Flat	6	2.98	28
100 X 5 Flat	6	3.69	28
100 X 6 Flat	6	4.71	26
130 X 5 Flat	6	4.80	28
150 X 5 Flat	6	5.53	28
150 X 6 Flat	6	7.07	24
200 X 5 Flat	6	7.38	32
200 X 6 Flat	6	9.42	28

Duragal - Channel

Item Name	Length/M	KG/LM	Pack
75 X 40 X 4 Channel	9	4.25	18
100 X 50 X 4 Channel	9	5.59	18
125 X 65 X 4 Channel	9	7.23	18
150 X 75 X 5 Channel	12	10.5	12
180 X 75 X 5 Channel	12	11.6	12
200 X 75 X 5 Channel	12	12.4	12
200 X 75 X 6 Channel	12	15.5	12
230 X 75 X 6 Channel	12	16.9	12
250 X 90 X 6 Channel	12	19.2	8
300 X 90 X 6 Channel	12	21.6	6
300 X 90 X 8 Channel	12	28.5	6



TERRITORY STEEL

Strengthening the Top End

Black ERW Tube - Round

Item Name	Length/M	KG/M
12.7 X 1.6 RND ERW	6.1	0.441
16 X 1.6 RND ERW	6.1	0.577
19 X 1.6 RND ERW	6.1	0.699
22.2 X 1.6 RND ERW	6.1	0.813
25.4 X 1.6 RND ERW	6.1	0.94
31.8 X 1.6 RND ERW	6.1	1.169
38 X 1.6 RND ERW	6.1	1.403
41.3 X 1.6 RND ERW	6.1	1.566
44.5 X 1.6 RND ERW	6.1	1.69
47.6 X 1.6 RND ERW	6.1	1.815
51 X 1.6 RND ERW	6.1	1.889

Black ERW Tube - Square

Item Name	Length/M	KG/M
19 X 19 X 1.6 SQ ERW	6.25	0.9
22.2 X 22.2 X 1.6 SQ ERW	6.1	0.999
25.4 X 25.4 X 1.6 SQ ERW	6.1	1.2
31.8 X 31.8 X 1.6 SQ ERW	6.1	1.48

Black ERW Tube - Rectangular

Item Name	Length/M	KG/M
35 X 19 X 1.6 REC ERW	6.1	1.24
38 X 25.4 X 1.6 REC ERW	6.1	1.48



TERRITORY STEEL

Strengthening the Top End

Gal ERW Tube - Round

Item Name	Length/M	KG/M
12.7 X 1.6 RND ERW	6.1	0.441
16 X 1.6 RND ERW	6.1	0.577
19 X 1.6 RND ERW	6.1	0.699
22.2 X 1.6 RND ERW	6.1	0.813
25.4 X 1.6 RND ERW	6.1	0.94
31.8 X 1.6 RND ERW	6.1	1.169
38 X 1.6 RND ERW	6.1	1.403
41.3 X 1.6 RND ERW	6.1	1.566
44.5 X 1.6 RND ERW	6.1	1.69
47.6 X 1.6 RND ERW	6.1	1.815
51 X 1.6 RND ERW	6.1	1.889

Gal ERW Tube - Square

Item Name	Length/M	KG/M
19 X 19 X 1.6 SQ ERW	6.25	0.9
22.2 X 22.2 X 1.6 SQ ERW	6.1	0.999
25.4 X 25.4 X 1.6 SQ ERW	6.1	1.2
31.8 X 31.8 X 1.6 SQ ERW	6.1	1.48

Gal ERW Tube - Rectangular

Item Name	Length/M	KG/M
35 X 19 X 1.6 REC ERW	6.1	1.24
38 X 25.4 X 1.6 REC ERW	6.1	1.48



TERRITORY STEEL

Strengthening the Top End

General Purpose Gal Mesh

Item Name	Width mm	Height mm	KG/M
25x25x2.3 Gal Mesh	2000	1200	8
50x25x2.3 Gal Mesh	2000	1200	6
50x50x3.5 Gal Mesh	2000	1200	10
75x50x3.5 Gal Mesh	2000	1200	8
100x100X4 Gal Mesh	2000	1200	5
25X25X2.5 Gal Mesh	3000	2400	23
25x25x3.15 Gal Mesh	3000	2400	36
50X25X2.5 Gal Mesh	3000	2400	17
50x25x3.15 Gal Mesh	3000	2400	27
50x50x4 Gal Mesh	3000	2400	29
75x50x4 Gal Mesh	3000	2400	24
75x50x5 Gal Mesh	3000	2400	38
100x100x5 Gal Mesh	3000	2400	28

Reinforcing Mesh

Item Name	Width mm	Height mm	KG/M
6M x 2400mm			116
6M x 2400mm			89
6M x 2400mm			65
6Mx 2400mm			52
6M x2400mm			40
6M x 2400mm			33
3M x 2400mm			16
6M x 2400mm			21
3M x 2400mm			11
6M x 2400mm			202
6M x 2400mm			15
6M x 2400mm			148
6M x 2400mm			29
6M x 2400mm			290
6M x 2400mm			29



TERRITORY STEEL

Strengthening the Top End

Trench Mesh

Item Name	Length mm	Width mm	KG/M
R8TM200	6.0	0.2	7
R8TM300	6.0	0.3	9
R8TM400	6.0	0.4	11
R8TM500	6.0	0.5	15
R8TM2300	6.0	2.3	60
R11TM200	6.0	0.2	13
R11TM300	6.0	0.3	18
R11TM400	6.0	0.4	22
R11Tm500	6.0	0.5	26
R11TM2300	6.0	2.3	106
R12TM200	6.0	0.2	16
R12TM300	6.0	0.3	22
R12TM400	6.0	0.4	27
R12TM500	6.0	0.5	33
R12TM2300	6.0	2.3	138

Building Frame Components

Item Name	BMT	Length mm	Pack
Standard Stud	1.2	7500	50
Nogging	1.2	750	50
Plate	1.2	7500	5
Roof Batten	0.75	6100	25
Ceiling Batten	0.42	6100	50
Topspan 61	0.75	6100	
Topspan 61	1.00	6100	
Topspan 120	0.70	4600/7000	
Topspan 120	0.80		
Topspan 120	0.90	6100/8600	



TERRITORY STEEL

Strengthening the Top End

Gold Formed Plain Channels

Item Name	Web mm	Flange mm	Thickness mm	KG/M
LC01916	19	X 13	X 1.5	0.49
LC02516	25	X 13	X 1.5	0.58
LC03816	38	X 16	X 1.5	0.84
LC05116	51	X 15	X 1.5	0.97
LC05130	51	X 25	X 3.0	2.15
LC05725	57	X 26	X 2.5	2.00
LC06425	64	X 23	X 2.5	2.00
LC07630	76	X 38	X 3.0	3.34
LC08330	83	X 34	X 3.0	3.34
LC08930	89	X 31	X 3.0	3.34
LC09530	95	X 37	X 3.0	3.70
LC10330	103	X 34	X 3.0	3.70
LC10230	102	X 55	X 3.0	5.78
LC12730	127	X 50	X 3.0	5.26
LC15230	152	X 51	X 3.0	5.86

Gold Formed Lipped Channels

Item Name	Web mm	Flange mm	Thickness mm	KG/M
LL05116	51	X 35	X 12	1.5
LL06425	64	X 38	X 13	2.5
LL07610	76	X 44	X 11	1.0
LL07625	76	X 44	X 16	2.5
LL10225	102	X 51	X 18	2.5
LL10230	102	X 51	X 19	3.0
LL12725	127	X 51	X 18	2.5
LL12730	127	X 51	X 19	3.0
LL15230	152	X 64	X 21	3.0
LL20330	203	X 76	X 24	3.0
LL25430	254	X 89	X 25	3.0



TERRITORY STEEL

Strengthening the Top End

Gold Formed Angle

Item Name	Web mm	Flange mm	Thickness mm	KG/M
LA2725	27	X 27	X 2.5	1.00
LA3225	32	X 24	X 2.5	1.00
LA4030	40	X 40	X 3.0	1.79
LA4630	46	X 35	X 3.0	1.79
LA5130	51	X 30	X 3.0	1.79

Gal Lintels

Item Name	KG/M	Lengths
85mm Flat	5.00	0.800
		0.900
		1.000
		1.100
		1.200
100 x 100 Angle	9.50	0.900
		1.400
		1.500
		1.700
		1.800
100 x 100 Angles	9.50	2.000
		2.100
		2.400
		2.700
		150 x 100 Angles
3.000		
3.300		
3.600		
3.900		
4.200		
4.500		



TERRITORY STEEL

Strengthening the Top End

C Section Purlins and Girts

Item Name	Web mm	Flange mm	Thickness mm	KG/M
C10015	102	X 51	X 1.5	2.58
C10019	102	X 51	X 1.9	3.25
C15012	152	X 64	X 1.2	2.84
C15015	152	X 64	X 1.5	3.54
C15019	152	X 64	X 1.9	4.46
C15024	152	X 64	X 2.4	5.62
C20015	203	X 76	X 1.5	5.62
C20019	203	X 76	X 1.9	5.68
C20024	203	X 76	X 2.4	7.15
C25019	254	X 76	X 1.9	6.43
C25024	254	X 76	X 2.4	8.10

Z Section Purlins

Item Name	Web mm	Flange mm	Thickness mm	KG/M
Z10015	102	X 49	X 1.5	2.58
Z10019	102	X 49	X 1.9	3.25
Z15012	152	X 61	X 1.2	2.84
Z15015	152	X 61	X 1.5	3.54
Z15019	152	X 61	X 1.9	4.46
Z15024	152	X 60	X 2.4	5.62
Z20015	203	X 74	X 1.5	4.44
Z20019	203	X 74	X 1.9	5.68
Z20024	203	X 73	X 2.4	7.15
Z25019	254	X 74	X 1.9	6.43
Z25024	254	X 73	X 2.4	8.10



TERRITORY STEEL

Strengthening the Top End

Gold Formed Angle

Item Name	Web mm	Flange mm	Thickness mm	KG/M
LA2725	27	X 27	X 2.5	1.00
LA3225	32	X 24	X 2.5	1.00
LA4030	40	X 40	X 3.0	1.79
LA4630	46	X 35	X 3.0	1.79
LA5130	51	X 30	X 3.0	1.79

Gal Lintels

Item Name	KG/M	Lengths
85mm Flat	5.00	0.800
		0.900
		1.000
		1.100
		1.200
100 x 100 Angle	9.50	0.900
		1.400
		1.500
		1.700
		1.800
100 x 100 Angles	9.50	2.000
		2.100
		2.400
		2.700
		2.700
150 x 100 Angles	12.00	1.800
		2.100
		2.400
		2.700
		3.000
		3.300
		3.600
4.000		



TERRITORY STEEL

Strengthening the Top End

Birmingham Gauge Converter

Inch Equiv. to mm	T/ness as inch fraction	Thickness mm	BG	Inch Equiv. to BG
0.3937	3/8	10.0	0	0.3964
0.3543		9.0	1	0.3532
0.3150	5/16	8.0	2	0.3147
0.2756		7.0	3	0.2804
0.2632	1/4	6.0	4	0.2500
0.2165		5.5	5	0.2225
0.1969	3/16	5.0	6	0.1981
0.1772		4.5	7	0.1764
0.1575	5/32	4.0	8	0.1570
0.1378		3.5	9	0.1398
0.1181	1/8	3.0	10	0.1250
0.1102		2.8	11	0.1113
0.0984	3/32	2.5	12	0.0991
0.0866		2.2	13	0.0882
0.0787	5/64	2.0	14	0.0785
0.0709		1.8	15	0.0699
0.0630	1/16	1.6	16	0.0625
0.0551		1.4	17	0.0556
0.0472	3/64	1.2	18	0.0495
0.0433		1.1	19	0.0440
0.0394		1.0	20	0.0392
0.0354		0.90	21	0.0349
0.0315	1/32	0.80	22	0.0313
0.0276		0.70	23	0.0278
0.0236		0.60	24	0.0248
0.0217		0.55	25	0.0220
0.0197		0.50	26	0.0196
0.0177		0.45	27	0.0175
0.0157	1/64	0.40	28	0.0156
0.0138		0.35	29	0.0139
0.0118		0.30	30	0.0123
0.0110		0.28	31	0.0110
0.0098		0.25	32	0.0098
0.0087		0.22	33	0.0087
0.0079		0.20	34	0.0077
0.0071		0.18	35	0.0069
0.0063		0.16	36	0.0061
0.0055		0.14	37	0.0054
0.0047		0.12	38	0.0048
0.0043		0.11	39	0.0043
0.0039		0.10	40	0.0039

Frequently Used Formulas

To calculate the mass of mild steel plate & flat:

Length X Width X thickness X 7850kg

Eg: For a 10mm plate @ 2400mm x 1700mm
 $2.4 \times 1.7 \times 0.01 \times 7850 = 320.28\text{kg}$
 For a 200 x 6 flat bar @ 1200mm
 $1.2 \times 0.2 \times 0.006 \times 7850 = 11.304\text{kg}$

Note:

- * Most price books have an extra 2.5% added onto the weight of merchant bar as a rolling tolerance.
- * Add 2 kg per square metre for floorplate.
- * To calculate the mass of aluminium:
Length x width x thickness x 2710 kg
- * To calculate the mass of stainless steel:
Length x width x thickness x 8000 kg

To calculate the mass of black round pipe & tube per metre:

Outside Diameter - wall thickness X wall thickness X 0.0246615

Eg: For a 219.1 mm diameter x 6.4mm wall thickness line pipe
 $219.1 - 6.4 \times 6.4 \times 0.0246615 = 33.57\text{kg / Metre}$
 For 25nb med blk pipe
 $33.7 - 3.2 \times 3.2 \times 0.0246615 = 2.4\text{kg / metre}$

Note:

- * Most price books have an extra 2.5% added onto the weight of pipe as rolling tolerance.

To calculate the mass of round bar per metre:

Diameter squared x 0.7854 x 7850 kg

Eg: For 50 mm round bar
 $0.05 \times 0.05 \times 0.7854 \times 7850 = 15.41\text{kg / meter}$

To calculate the circumference of a circle:

Diameter x 3.1416

Eg: For a diameter of 350 mm
 $350 \times 3.1416 = 1099.56\text{mm}$

To calculate the diagonal length corner to corner in a square or rectangle: (Hypotenuse)

Length squared + breadth squared = ? then square root

Eg: For a rectangle 1200mm x 2400mm
 $1200 \times 1200 = 1440000$
 $+ 2400 \times 2400 = 5760000$
 $7200000 > \text{square root} = 2683.28\text{mm}$



TERRITORY STEEL

Strengthening the Top End