



Catálogo de Material Ferroso e não Ferroso

PRODUCTS

MILD STEEL (IN FLAT & LONG PRODUCTS)

3CR12 LONG PRODUCTS

SPECIALITY STEELS

KEY STEEL

BRIGHT BAR

SPRING STEEL (FLAT & ROUND)

LEADED FREE CUTTING STEEL

TUBING (ROUNDS, RECTANGULAR, TRIANGULAR, OVAL & SQUARES)

WATER PIPE (TO SABS 62)

COLD ROLLED LIP CHANNELS AND PURLINS

ALL QUALITIES OF SHEET & TUBING RELATING TO THE MOTOR
INDUSTRY AND SHEET & PLATE REQUIREMENTS FOR OTHER INDUSTRIES

Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)				Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M			6M	9M	11M	13M
16 x 3	0,353	X				60 x 6	2,83	X			
16 x 5	0,628	X				60 x 8	3,77	X			
18 x 3	0,424	X				60 x 10	4,71	X			
18 x 5	0,710					60 x 12	5,65	X			
20 x 3	0,471	X				60 x 16	7,54	X			
20 x 5	0,785	X				60 x 20	9,42	X			
20 x 6	0,942	X				60 x 25 *	11,80	X			
20 x 8	1,26	X				60 x 30	14,1	X			
20 x 10	1,57	X									
						65 x 6	3,06	X			
25 x 3	0,589	X				65 x 8	4,08	X			
25 x 5	0,981	X				65 x 10	5,10	X			
25 x 6	1,18	X				65 x 12	6,12	X			
25 x 8	1,57	X									
25 x 10	1,96	X				70 x 6	3,30	X			
25 x 12	2,36	X				70 x 8	4,40	X			
						70 x 10	5,50	X			
						70 x 12	6,59	X			
30 x 5	1,18	X				70 x 16	8,79	X			
30 x 6	1,41	X				70 x 20	10,11	X			
30 x 8	1,88	X									
30 x 10	2,36	X				80 x 6	3,77	X			
30 x 12	2,83	X				80 x 8	5,02	X			
						80 x 10	6,28	X			
40 x 5	1,57	X				80 x 12	7,54	X			
40 x 6	1,88	X				80 x 16	10,0	X			
40 x 8	2,51	X				80 x 20	12,6	X			
40 x 10	3,14	X				80 x 25	15,70	X			
40 x 12	3,77	X				80 x 30	18,8	X			
40 x 16	5,02	X				80 x 40	25,1	X			
40 x 20	6,28	X									
40 x 25	7,85	X				90 x 6	4,24	X			
						90 x 8	5,65	X			
47,6 x 5	1,87	X				90 x 10	7,07	X			
						90 x 12	8,48	X			
50 x 5	1,96	X				90 x 20 *	14,1	X			
50 x 6	2,36	X				90 x 25	17,7	X			
50 x 8	3,14	X									
50 x 10	3,93	X									
50 x 12	4,71	X									
50 x 16	6,28	X									
50 x 20	7,85	X									
50 x 25	9,81	X									

OTHER LENGTHS MAY ALSO BE AVAILABLE - PLEASE CHECK
* AVAILABILITY OF STOCK MUST BE CHECKED

Barra / Flat Bar 1431/300 WA

Qualidade comercial / Mild Steel
1431/350 WA



Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)				Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M			6M	9M	11M	13M
100 x 6	4,71	X				180 x 10	14,13		X		
100 x 8	6,28	X				180 x 12	17,96		X		
100 x 10	7,85	X				180 x 16	22,61		X		
100 x 12	9,42	X				180 x 20	28,26			X	
100 x 16	12,56	X				180 x 25	35,33			X	
100 x 20	15,70	X									
100 x 25	19,63	X				200 x 10	15,70		X		
100 x 30	23,55	X				200 x 12	18,84		X		
100 x 35 *	27,50	X				200 x 16	25,12		X		X
100 x 40	31,40	X				200 x 20	31,40		X		X
100 x 50	39,25	X				200 x 25	39,25		X		X
110 x 6	5,18	X				250 x 10	19,60		X		
110 x 8	6,91	X				250 x 12	23,60		X		
110 x 10	8,64	X				250 x 16	31,40		X		X
110 x 12	10,36	X				250 x 20	39,2		X		X
						250 x 25	49,06		X		X
130 x 6	8,16	X				250 x 30	58,88		X		
130 x 8	8,16	X									
130 x 10	12,2	X				300 x 10	23,60		X		
130 x 12	16,3	X				300 x 12	28,30		X		
130 x 20	20,4	X				300 x 16	37,70		X		X
130 x 25	25,5	X				300 x 20	47,10		X	X	X
						300 x 25	58,90		X		X
150 x 8	9,42	X				300 x 30	70,60				X
150 x 10	11,78	X				300 x 35	82,40				X
150 x 12	14,13	X				300 x 40	94,20				X
150 x 16	18,84	X									
150 x 20	23,55	X									
150 x 25	29,44	X									
150 x 30	35,33	X									

OTHER LENGTHS MAY ALSO BE AVAILABLE - PLEASE CHECK
* AVAILABILITY OF STOCK MUST BE CHECKED



Section Dimensions

Cantoneira Abas Iguais / Equal Angles 1431/300WA



Len. Available (see note - pg. 2) 6M 9M 11M 13M		
25 x 25 x 2	0,774	125,32
25 x 25 x 2,5	0,939	102,11
25 x 25 x 3	1,11	86,19
25 x 25 x 5	1,77	54,25
30 x 30 x 3	1,36	84,86
30 x 30 x 5	2,18	53,08
40 x 40 x 2	1,29	102,16
40 x 40 x 2,5	1,57	98,00
40 x 40 x 3	1,87	83,99
40 x 40 x 4	2,42	64,00
40 x 40 x 5	2,97	52,06
40 x 40 x 6	3,52	44,04
45 x 45 x 3	2,13	83,24
45 x 45 x 4	2,74	63,30
45 x 45 x 5	3,38	51,51
50 x 50 x 3	2,37	82,40
50 x 50 x 4	3,06	63,40
50 x 50 x 5	3,77	51,45
50 x 50 x 6	4,47	43,41
50 x 50 x 8	5,82	33,33
60 x 60 x 4	3,70	82,40
60 x 60 x 5	4,57	63,40
60 x 60 x 6	5,42	51,45
60 x 60 x 8	7,09	43,41
60 x 60 x 10	8,69	33,33

Len. Available (see note - pg. 2) 6M 9M 11M 13M		
70 x 70 x 6	6,38	42,67
70 x 70 x 8	8,36	32,57
70 x 70 x 10	10,27	26,50
80 x 80 x 6	7,34	42,44
80 x 80 x 8	9,63	32,33
80 x 80 x 10	11,86	26,25
80 x 80 x 12	14,03	22,20
90 x 90 x 6	8,30	42,17
90 x 90 x 8	10,90	32,15
90 x 90 x 10	13,45	26,07
90 x 90 x 12	15,93	22,01
100 x 100 x 8	12,18	31,99
100 x 100 x 10	15,04	25,91
100 x 100 x 12	17,83	21,85
100 x 100 x 15	21,91	17,79
120 x 120 x 8	14,71	31,91
120 x 120 x 10	18,20	25,76
120 x 120 x 12	21,62	21,68
120 x 120 x 15	26,64	17,60
1431/350WA		
150 x 150 x 10	22,98	25,48
150 x 150 x 12	27,35	21,43
150 x 150 x 15	33,77	17,35
150 x 150 x 18	40,06	14,63
200 x 200 x 16	48,50	16,17
200 x 200 x 20	59,90	13,09



Section Dimensions

Cantoneira Abas Desiguais / Unequal Angles 1431/300WA



Len. Available (see note - pg. 2) 6M 9M 11M 13M		
65 x 50 x 6	5,16	43,54
65 x 50 x 8	6,75	33,31
75 x 50 x 6	5,65	43,21
75 x 50 x 8	7,39	33,02
80 x 60 x 6	6,37	42,91
80 x 60 x 8	8,34	32,73
90 x 65 x 6	7,07	42,86
90 x 65 x 8	9,29	32,64
90 x 65 x 10	11,40	26,50
100 x 65 x 8	9,94	32,32
100 x 65 x 10	12,30	26,23

Len. Available (see note - pg. 2) 6M 9M 11M 13M		
100 x 75 x 6	8,04	42,44
100 x 75 x 8	10,57	32,29
100 x 75 x 10	13,04	26,18
100 x 75 x 12	15,44	22,11
125 x 75 x 8	12,16	32,11
125 x 75 x 10	15,02	26,00
125 x 75 x 12	17,81	21,92
150 x 75 x 10	16,98	25,94
150 x 75 x 12	20,17	21,34
150 x 75 x 15	24,83	17,74
1431/350WA		
150 x 90 x 10	18,18	25,84
150 x 90 x 12	21,60	21,75
150 x 90 x 15	26,62	17,64

WHILE EVERY EFFORT HAS MADE TO ENSURE THAT THE INFORMATION GIVEN ON THIS PAGE IS ACCURATE,
DOES NOT ACCEPT RESPONSABILITY FOR ANY INACCURACIES OR MISINTERPRETATIONS OF THIS DATA



Perfil "U" / Channels 1431/300WA

SANS
1431/350 WA



Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)				Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M			6M	9M	11M	13M
57 x 51	6,84		X	X	X	152 x 76	17,9		X	X	X
76 x 38	6,70				X	160 x 65	19,12				X
100 x 50	10,73					178 x 54	14,55				
120 x 55	13,55		X	X	X	180 x 70	22,27				
127 x 64	14,93		X		X	200 x 75	25,30				
140 x 60	16,22		X		X						



Perfil "U" / Channels (parallel flange)

SANS
1431/350 WA



Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)				Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M			6M	9M	11M	13M
100 x 50	10,10	X	X	X	X	260 x 75	27,60				
180 x 70	21,07		X	X	X	260 x 90	34,90		X	X	X
200 x 75	24,29	X	X	X	X	300 x 90	41,40				
230 x 75	25,70					300 x 100	45,40		X	X	X
230 x 90	32,20	X	X	X	X						



Perfil "I" / Joists

SANS
1431/350 WA



Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)				Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M			6M	9M	11M	13M
152 x 89	17,12		X		X	203 x 102	25,32				
178 x 102	21,43		X		X	203 x 152	52,30	X	X		X

Perfil Para Janela / Window Section 1431/300WA

Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M
RT6	0,89		X		X
Rt13	12,26		X		X
RF4B	2,53		X		X
Rf7 (LIGHT)	1,213				
RFx7 (LIGHT)	1,4				

OTHER LENGTHS MAY ALSO BE AVAILABLE - PLEASE CHECK
* AVAILABILITY OF STOCK MUST BE CHECKED

I Perfil "I" / Section Dimensions 1431/350WA

I.P.E. Sections



Nominal Size Millimetres	Theoretical Mass Kg/m	Len. Available (see note - pg. 2) 6M 9M 11M 13M	Height mm	Width mm	Flange Thickness mm	Web Thickness mm	Paint Area m ² /ton
100 x 55	8,10		100,0	55,0	5,7	4,1	49,46
120 x 64	10,37		120,0	64,0	6,3	4,4	46,15
140 x 73	12,89		140,0	73,0	6,6	4,7	42,64
160 x 82	15,77		160,0	82,0	7,4	5,0	39,24
180 x 91	18,80		180,0	91,0	8,0	5,3	37,23
200 x 100	22,36		200,0	100,0	8,5	5,6	34,37

I Perfil "I" / Section Dimensions

I.P.E. AA Sections 1431/300WA



Nominal Size Millimetres	Theoretical Mass Kg/m	Len. Available (see note - pg. 2) 6M 9M 11M 13M	Height mm	Width mm	Flange Thickness mm	Web Thickness mm	Paint Area m ² /ton
100 x 55	6,72		97,6	55,0	4,5	3,6	59,00
120 x 64	8,36		117,0	64,0	4,8	3,8	56,30
140 x 73	10,05		136,6	73,0	5,2	3,8	54,40
160 x 82	12,32		156,4	82,0	5,6	4,0	50,10
180 x 91	14,94		176,4	91,0	6,2	4,3	46,40
200 x 100	17,95		196,4	100,0	6,7	4,5	43,02

I Perfil "H" / Section Dimensions

Universal Columns 1431/300WA



Nominal Size Millimetres	Theoretical Mass Kg/m	Len. Available (see note - pg. 2) 6M 9M 11M 13M	Height mm	Width mm	Flange Thickness mm	Web Thickness mm	Paint Area m ² /ton
152 x 152	23,00		152,4	152,4	6,8	6,1	38,15
152 x 152	30,00		157,5	152,9	9,4	6,6	29,87
152 x 152	37,00		161,8	154,4	11,5	8,1	24,59
203 x 203	46,10		203,2	203,2	11,0	7,3	25,71
203 x 203	52,00		206,2	206,9	12,5	8,0	22,93
203 x 203	60,00		209,6	209,2	14,2	9,3	20,17
203 x 203	71,00		215,9	215,2	17,3	10,3	17,07
203 x 203	86,10		222,3	222,8	20,5	13,0	14,31
1431/350WA							
254 x 254	73,10		254,2	254,0	14,2	8,6	20,36
254 x 254	88,90		260,4	260,9	17,3	10,5	16,83
254 x 254	107,10		266,0	266,3	20,5	13,0	14,16
254 x 254	132,00		276,4	276,0	25,1	15,6	11,73
254 x 254	167,10		289,1	289,5	31,7	19,2	9,45
305 x 305	96,90		307,8	307,8	15,4	9,9	18,48
305 x 305	117,90		314,5	314,8	18,7	11,9	15,37
305 x 305	136,90		320,5	320,7	21,7	13,8	13,32
305 x 305	158,10		327,2	327,6	25,0	15,7	11,67

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Perfil "I" / Universal Beams 1431/300WA

SANS
1431/350 WA



Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)				Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M			6M	9M	11M	13M
203 x 133	25,10	X	X	X	X	406 x 140	39,00		X	X	X
203 x 133	30,00		X	X	X	406 x 140	46,00	X	X	X	X
254 x 146	31,10	X	X	X	X	406 x 178	54,10	X	X	X	X
254 x 146	37,00		X	X	X	406 x 178	60,10		X	X	X
254 x 146	43,00		X	X	X	406 x 178	67,10		X	X	X
						406 x 178	74,20	X	X		X
305 x 102	24,80		X	X	X						
305 x 102	28,20		X		X	457 x 191	67,10		X	X	X
305 x 102	32,80		X	X	X	457 x 191	74,30	X	X	X	X
						457 x 191	82,20	X	X		X
305 x 165	40,30		X	X	X	457 x 191	89,30	X		X	X
305 x 165	46,10		X	X	X	457 x 191	98,30				X
305 x 165	54,00		X	X	X						
						533 x 210	82,20	X	X	X	X
356 x 171	45,00		X	X	X	533 x 210	92,10		X	X	X
356 x 171	51,00		X	X	X	533 x 210	101,00	X	X	X	X
356 x 171	57,00		X	X	X	533 x 210	109,00	X			X
356 x 171	67,10		X		X	533 x 210	122,00		X		X



Varão Liso / Round Bars Aço Macio / Mild Steel Qualidade Comercial



Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)				Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M			6M	9M	11M	13M
6	0,222	X				24	3,55	X			
8	0,395	X				25	3,85	X			
10	0,617	X			X	30	5,55	X			X
12	0,888	X				32	6,31	X			
14 *	1,21	X				35	7,55	X			
16	1,58	X				36	7,99	X			
20	2,47	X				38	8,91	X			
22	2,98	X				40	9,86	X			



Varão Liso / Round Bars SANS 1431/350 WA



Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)				Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M			6M	9M	11M	13M
45	12,49	X				75	34,68				
50	15,41	X				80 *	39,46				
55	18,65	X				90 *	49,94				
60	22,20	X				95 *	55,64				
65	26,05	X				100 *	61,65				
70 *	30,21					103 *	65,41				

OTHER LENGTHS MAY ALSO BE AVAILABLE - PLEASE CHECK
* AVAILABILITY OF STOCK MUST BE CHECKED



Varão Nervurado Reinforcing Steel Deformed Bar (450 mPa)



Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)				Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M			6M	9M	11M	13M
6	0,22	X				20	2,47	X			X
8	0,395	X				25 *	3,85	X			X
10	0,62	X			X	32 *	6,31	X			X
12	0,89	X			X	40 *	9,86	X			X
16	1,58				X						



Vergalhão / Square Bar 1431/300WA Mild Steel



Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)				Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M			6M	9M	11M	13M
8 *	0,501	X				30	7,07	X			
10	0,779	X				35	9,62	X			
12	1,13	X				40	12,60	X			
16	2,01	X				45#	15,90	X			
20	3,14	X				50	19,60	X			
25 *	4,91										



Vergalhão / Square Bar 1431/350 WA SANS



Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)				Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M			6M	9M	11M	13M
55	23,80	X			X	75	44,20	X			X
60	28,30	X			X	100 *	78,50	X			X
65	33,20	X			X	105 *	86,60	X			X
70	38,50	X			X	150 *	177,00	X			X



Carris / Rails Mines and Sidings Grade 700



Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)				Nominal Size Millimetres	Nominal Mass kg/m	Len. Available (see note - pg. 2)			
		6M	9M	11M	13M			6M	9M	11M	13M
15	14,9	7,5 Metre				40	40,3	12 Metre			
22	22,4	9 Metre				48	47,6	12 Metre			
30	30,2	9 Metre				57 *	57,4				

OTHER LENGTHS MAY ALSO BE AVAILABLE - PLEASE CHECK
* AVAILABILITY OF STOCK MUST BE CHECKED

Tubo Redondo

Hot Rolled Tube Round							
O.D. mm	WALL mm	MASS / MATRE (KG)	LENGTHS PER BUNDLE	O.D. mm	WALL mm	MASS / MATRE (KG)	LENGTHS PER BUNDLE
15,8	1,6	0,560		42,8	1,6	1,625	
15,8 *	2,0	0,681		42,8	2,0	2,012	
				42,8	2,5	2,485	
19,1	1,6	0,690		42,8	3,0	2,945	
19,1	2,0	0,843		42,8	4,0	3,827	
21,4	1,6	0,781		48,4	1,6	1,847	
21,4	2,0	0,957		48,4	2,0	2,289	
21,4	2,5	1,165		48,4	2,5	2,830	
21,4	3,0	1,361		48,4 Scaff	2,65 HT	2,990	
				48,4	2,8	3,149	
25,4	1,6	0,939		48,4	3,0	3,359	
25,4	2,0	1,154		48,4	3,5	3,875	
25,4	2,5	1,412		48,4 Scaff	3,35 HT	3,722	
25,4 *	3,0	1,657		48,4	4,0	4,380	
				48,4	4,5	4,870	
26,6	1,6	0,998					
26,6	2,0	1,228		50,8	1,6	1,941	
26,6	2,5	1,504		50,8	2,0	2,407	
26,6	3,0	1,774		50,8	2,5	2,978	
				50,8	2,8	3,314	
31,8	1,6	1,192		50,8	3,0	3,536	
31,8	2,0	1,470					
31,8	2,5	1,806		57,1	1,6	2,190	
31,8	3,0	2,130		57,1	2,0	2,718	
				57,1	2,5	3,366	
34,1	1,6	1,282		57,1	3,0	4,003	
34,1	2,0	1,583		57,1	4,0	5,238	
34,1	2,5	1,948		57,1 *	4,5	5,837	
34,1	3,0	2,301					
34,1	4,0	2,969		60,3	1,6	2,317	
				60,3	2,0	2,876	
38,1	1,6	1,440		60,3	2,5	3,564	
38,1	2,0	1,781		60,3	2,8	3,971	
38,1	2,5	2,195		60,3	3,0	4,239	
38,1	3,0	2,597		60,3	3,5	4,903	
38,1	4,0	3,364		60,3	4,0	5,554	
38,1 *	4,5	3,729		60,3	4,5	6,193	
* CAN BE MANUFACTURED. PLEASE CONSULT US FOR MIN. QUANTITIES							
** NOT YET STANDARD STOCK SIZES - P O A							

Tubo Redondo

Hot Rolled Tube Round							
O.D. mm	WALL mm	MASS / MATRE (KG)	LENGTHS PER BUNDLE	O.D. mm	WALL mm	MASS / MATRE (KG)	LENGTHS PER BUNDLE
63,5	1,6	2,442		88,9	2,0	4,286	
63,5	2,0	3,033		88,9	2,5	5,327	
63,5	2,5	3,761		88,9	3,0	6,355	
63,5	3,0	4,476		88,9	3,5	7,371	
63,5	3,5	5,176		88,9	4,0	8,375	
63,5	4,0	5,869		88,9 *	4,5	9,366	
63,5	4,5	6,548					
				95,0 *	2,0	4,611	
76,2	1,6	2,944		95,0 *	2,5	5,733	
76,2	2,0	3,660		95,0 *	3,0	6,842	
76,2	2,5	4,544					
76,2	2,8	5,068					
76,2	3,0	5,416					
76,2	3,5	6,275					
76,2	4,0	7,122					
76,2	4,5	7,957					
101,6	2,0	4,912		152,4 **	3,0	11,053	
101,6	2,5	6,110		152,4 **	3,5	12,852	
101,6	2,8	6,822		152,4 **	4,0	14,636	
101,6	3,0	7,294		152,4 **	4,5	16,412	
101,6	3,5	8,469					
101,6	4,0	9,619		165,1 **	3,0	11,992	
101,6*	4,5	10,775		165,1 **	4,0	15,891	
				165,1 **	4,5	17,822	
114,2	2,0	5,534					
114,2	3,0	8,227					
114,2	3,5	9,555					
114,2	4,0	10,882					
114,2 *	4,5	12,187					
127,0 **	2,0	7,669					
127,0 **	3,0	9,174					
127,0 **	3,5	10,659					
127,0 **	4,0	12,133					
127,0 **	4,5	13,596					
* CAN BE MANUFACTURED. PLEASE CONSULT US FOR MIN. QUANTITIES							
** NOT YET STANDARD STOCK SIZES - P O A							

Tubo Rectangular

Hot Rolled Tube Rectangular							
O.D. mm	WALL mm	MASS / MATRE (KG)	LENGTHS PER BUNDLE	O.D. mm	WALL mm	MASS / MATRE (KG)	LENGTHS PER BUNDLE
25,4 x 12,7	1,6	0,920		76,2 x 38,1	1,6	2,817	
25,4 x 12,7	2,0	1,130		76,2 x 38,1	2,0	3,501	
				76,2 x 38,1	2,5	4,346	
31,8 x 19,1 *	1,6	1,192		76,2 x 38,1 *	3,0	5,180	
38,1 x 19,1	1,6	1,440		75 x 25	1,6	2,442	
38,1 x 19,1	2,0	1,781		75 x 25	2,0	3,003	
				75 x 25	2,5	3,761	
38,1 x 25,4	1,6	1,515					
38,1 x 25,4	2,0	1,874		75 x 25 *	1,6	3,094	
				75 x 25 *	2,0	3,848	
40 x 20	1,6	1,440		75 x 25 *	2,5	4,779	
40 x 20	2,0	1,781		75 x 25 *	3,0	5,698	
50 x 25	1,6	1,847		80 x 40	1,6	2,944	
50 x 25	2,0	2,289		80 x 40	2,0	3,660	
50 x 25	2,5	2,830		80 x 40	2,5	4,544	
50 x 25	3,0	3,359		80 x 40 *	3,0	5,416	
50 x 38	1,6	2,190		100 x 50 *	1,6	3,704	
50 x 38	2,0	2,718		100 x 50	2,0	4,611	
50 x 38	2,5	3,366		100 x 50	2,5	5,733	
50 x 38	3,0	4,003		100 x 50	3,0	6,842	
				100 x 50 *	4,0	8,978	
60 x 30 *	1,6	2,190					
60 x 30 *	2,0	2,718		127 x 76 *	3,0	9,175	
60 x 30 *	2,5	3,366					
60 x 30 *	3,0	4,003					
60 x 40 *	1,6	2,442					
60 x 40	2,0	3,033					
60 x 40	2,5	3,761					
60 x 40	3,0	4,476					
60 x 40	4,0	5,869					
* CAN BE MANUFACTURED. PLEASE CONSULT US FOR MIN. QUANTITIES							

OTHER LENGTHS MAY ALSO BE AVAILABLE - PLEASE CHECK

* AVAILABILITY OF STOCK MUST BE CHECKED

Tubo Quadrado

Hot Rolled Tube Square							
O.D. mm	WALL mm	MASS / MATRE (KG)	LENGTHS PER BUNDLE	O.D. mm	WALL mm	MASS / MATRE (KG)	LENGTHS PER BUNDLE
12,7 x 12,7	1,6	0,563		50 x 50	1,6	2,488	
				50 x 50	2,0	3,090	
15,9 x 15,9	1,6	0,720		50 x 50	2,5	3,979	
				50 x 50	3,0	4,472	
19 x 19	1,6	0,891					
19 x 19	2,0	1,094		50 x 50	3,5	5,174	
				50 x 50	4,0	5,864	
25 x 25	1,6	1,192		50 x 50	4,5	5,541	
25 x 25	2,0	1,470					
25 x 25	2,5	1,806		60 x 60	1,6	2,937	
25 x 25	3,0	2,260		60 x 60	2,0	3,652	
				60 x 60	2,5	4,834	
30 x 30	1,6	1,440		60 x 60 *	3,0	5,403	
30 x 30 *	2,0	1,781		60 x 60 *	4,0	7,105	
30 x 30 *	2,5	2,195		60 x 60 *	4,5	7,939	
32 x 32	1,6	1,505	100	75 x 75	1,6	3,710	
32 x 32	2,0	1,859	100	75 x 75	2,0	4,583	
32 x 32	2,5	2,293	100	75 x 75	2,5	5,690	
32 x 32	3,0	2,831	100	75 x 75	3,0	6,801	
				75 x 75	3,5	7,891	
38 x 38	1,6	1,847	64	75 x 75	4,0	8,969	
38 x 38	2,0	2,289	64	75 x 75	4,5	10,034	
38 x 38	2,5	2,830	64				
38 x 38	3,0	3,359	64	100 x 100	2,0	6,160	
				100 x 100	2,5	7,669	
40 x 40	1,6	1,941	49	100 x 100	3	9,166	
40 x 40	2,0	2,407	49	100 x 100 *	3,5	10,650	
40 x 40 *	2,5	2,978	49	100 x 100 *	4,0	12,120	
40 x 40 *	3,0	3,536	49	100 x 100 *	4,5	13,580	
40 x 40 *	4,0	4,663	49	100 x 100 *	5,0	15,030	

Tubo Galvanizado c/ rosca e união

Hot Rolled Galvanised Tube							
O.D. mm	WALL mm	MASS / MATRE (KG)	LENGTHS PER BUNDLE	O.D. mm	WALL mm	MASS / MATRE (KG)	LENGTHS PER BUNDLE
1/2"	2.5	1.17					
3/4"	2.5	1.49					
1"	2.5	1.89					
1 1/4"	2.5	2.42					
1 1/2"	2.5	2.78					
2"	2.5	3.52					
2 1/2"	2.5	4.54					
3"	2.75	5.75					
3 1/2"	2.75	6.70					
4"	2.85	7.84					
5"	2.85	9.80					
6"	2.85	11.76					
* CAN BE MANUFACTURED. PLEASE CONSULT US FOR MIN. QUANTITIES							

Chapa Laminada à Frio Cold Rolled Sheets

1431/300WA

Qualidade Commercial Commercial Quality

Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
1850 x 925 x 0,5	6,88	2450 x 1225 x 1,0	24,13
2450 x 925 x 0,5 *	9,11	3050 x 1225 x 1,0	30,04
1850 x 1225 x 0,5 *	9,11	3650 x 1225 x 1,0 *	35,94
2450 x 1225 x 0,5	12,06		
		1850 x 925 x 1,2	16,51
1850 x 925 x 0,6	8,25	2450 x 1225 x 1,2 *	21,86
2450 x 925 x 0,6 *	10,93	1850 x 1225 x 1,2 *	21,86
1850 x 1225 x 0,6 *	10,93	2450 x 1225 x 1,2	28,95
2450 x 1225 x 0,6	14,48	3050 x 1225 x 1,2	36,04
3050 x 1225 x 0,6 *	18,02	3650 x 1225 x 1,2 *	43,13
3650 x 1225 x 0,6 *	21,57		
		1850 x 925 x 1,6	22,01
1850 x 925 x 0,7	9,63	2450 x 925 x 1,6 *	29,15
2450 x 1225 x 0,7	16,89	1850 x 1225 x 1,6 *	29,15
		2450 x 1225 x 1,6	38,60
1850 x 925 x 0,8	11,01	3050 x 1225 x 1,6	48,06
2450 x 925 x 0,8 *	14,57	3650 x 1225 x 1,6 *	57,51
1850 x 1225 x 0,8 *	14,57	3000 x 1500 x 1,6	57,88
2450 x 1225 x 0,8	19,30		
3050 x 1225 x 0,8 *	24,03	1850 x 925 x 2,0	27,54
3650 x 1225 x 0,8 *	28,76	2450 x 925 x 2,0	36,44
		1850 x 1225 x 2,0 *	36,44
1850 x 925 x 0,9 *	12,38	2450 x 1225 x 2,0	48,25
2450 x 1225 x 0,9	21,71	3050 x 1225 x 2,0	60,07
		3650 x 1225 x 2,0 *	71,89
1850 x 925 x 1,0	13,76	3000 x 1500 x 2,0	72,35
2450 x 1225 x 1,0 *	18,22		
1850 x 1225 x 1,0 *	18,22		

Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
1850 x 925 x 1,6	22,01	1850 x 925 x 2,8 *	38,52
2450 x 925 x 1,6 *	29,15	2450 x 925 x 2,8 *	51,01
3050 x 925 x 1,6 *	36,29	3050 x 925 x 2,8 *	63,50
1850 x 1225 x 1,6 *	29,15	1850 x 1225 x 2,8 *	51,01
2450 x 1225 x 1,6	38,60	2450 x 1225 x 2,8	67,56
3050 x 1225 x 1,6	48,06	3050 x 1225 x 2,8 *	84,10
3650 x 1225 x 1,6	57,51	3650 x 1225 x 2,8 *	100,64
		2450 x 1500 x 2,8 *	82,72
1850 x 925 x 2,0	27,51	3000 x 1500 x 2,8	101,29
2450 x 925 x 2,0 *	36,44	3650 x 1500 x 2,8 *	123,24
3050 x 925 x 2,0 *	45,36	2450 x 1800 x 2,8 *	99,27
1850 x 1225 x 2,0 *	36,44	3000 x 1800 x 2,8 *	121,55
2450 x 1225 x 2,0	48,25	3650 x 1800 x 2,8 *	147,89
3050 x 1225 x 2,0	60,07		
3650 x 1225 x 2,0	71,89	1850 x 925 x 3,0	41,27
3000 x 1500 x 2,0	72,35	2450 x 925 x 3,0	54,66
		3050 x 925 x 3,0 *	68,04
1850 x 925 x 2,5	34,39	3650 x 925 x 3,0 *	81,43
2450 x 925 x 2,5 *	45,55	1850 x 1225 x 3,0 *	54,66
3050 x 925 x 2,5 *	56,70	2450 x 1225 x 3,0	72,38
1850 x 1225 x 2,5	45,55	3050 x 1225 x 3,0	90,11
2450 x 1225 x 2,5	60,32	3650 x 1225 x 3,0	107,83
3050 x 1225 x 2,5	75,09	2450 x 1500 x 3,0	88,63
3650 x 1225 x 2,5	89,86	3000 x 1500 x 3,0	107,83
2450 x 1500 x 2,5	73,86	3650 x 1500 x 3,0 *	132,04
3000 x 1500 x 2,5	90,44	2450 x 1800 x 3,0 *	106,36
3650 x 1500 x 2,5 *	110,03	3000 x 1800 x 3,0 *	130,23
		3650 x 1800 x 3,0 *	158,45
		4000 x 1800 x 3,0	173,64
		5000 x 1800 x 3,0 *	217,05
		6000 x 1800 x 3,0	260,46
		2450 x 1225 x 3,5	84,44
		3000 x 1500 x 3,5	126,61
		1850 x 925 x 4,0	* 55,03
		2450 x 1225 x 4,0	96,51
		3000 x 1500 x 4,0	144,70
		4000 x 1800 x 4,0	231,52

* AVAILABILITY OF STOCK MUST BE CHECKED

Chapa de Ferro Mild Steel Plates 1431/300WAW

Qualidade Commercial Commercial Quality



Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
2500 x 1200 x 4,5	105,98	2500 x 1200 x 12	283
3000 x 1500 x 4,5	158,96	3000 x 1500 x 12	424
4000 x 2000 x 4,5 *	282,60	4000 x 2000 x 12	754
		8000 x 2000 x 12 *	1507
2500 x 1200 x 5	118	10000 x 2400 x 12	2260,80
3000 x 1500 x 5 *	177		
4000 x 2000 x 5	314	2500 x 1200 x 16	377
8000 x 2000 x 5 *	628	3000 x 1500 x 16	565,20
10000 x 2400 x 5	942	4000 x 2000 x 16	1005
		10000 x 2400 x 16	3014,40
2500 x 1200 x 6	141,30		
3000 x 1500 x 6	212	2500 x 1200 x 20	471
4000 x 2000 x 6	377	3000 x 1500 x 20	706,50
8000 x 2000 x 6 *	754	4000 x 2000 x 20	1256
10000 x 2400 x 6	1130,40	10000 x 2400 x 20	3768
2500 x 1200 x 8	188,40	2500 x 1200 x 25	589
3000 x 1500 x 8	283	3000 x 1500 x 25 *	883
4000 x 2000 x 8	502,16	4000 x 2000 x 25 *	1570
8000 x 2000 x 8 *	1005	8000 x 2000 x 25 *	3140
10000 x 2400 x 8	1507,20	10000 x 2400 x 25 *	4710
		2500 x 1200 x 28	659,40
2500 x 1200 x 10	235,50	3000 x 1500 x 28	986,10
3000 x 1500 x 10	353,25	4000 x 2000 x 28	1758,40
4000 x 2000 x 10	628		
8000 x 2000 x 10	1256		
10000 x 2400 x 10	1884		

Chapa de Ferro Plates

SANS 1431/300 WA



Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
2500 x 1200 x 4,5	105,98	2500 x 1200 x 6	141
3000 x 1500 x 4,5	158,96	3000 x 1500 x 6	211,95
4000 x 2000 x 4,5	283	5700 x 1800 x 6	483,25
		7300 x 1800 x 6	619
2500 x 1200 x 5	117,75	1900 x 1900 x 6 *	170,03
3000 x 1500 x 5	176,63	4000 x 2000 x 6 *	376,80
4000 x 2000 x 5	314	8000 x 2000 x 6 *	753,60
8000 x 2000 x 5	628	2400 x 2400 x 6	271,30
10000 x 2400 x 5	942	10000 x 2400 x 6	1130,40
13000 x 2400 x 5	1224,60	13000 x 2400 x 6	1469,52
		12000 x 3000 x 6	1695,60

* AVAILABILITY OF STOCK MUST BE CHECKED

Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
2500 x 1200 x 8	188,40	10000 x 2400 x 22 *	4144,80
3000 x 1500 x 8	282,60	13000 x 2400 x 22 *	5388,24
4000 x 2000 x 8	502,40		
4500 x 2000 x 8 *	565,20	2500 x 1200 x 25	588,75
8000 x 2000 x 8	1004,80	3000 x 1500 x 25	883,13
4500 x 2400 x 8 *	678,24	4000 x 2000 x 25	1570
10000 x 2400 x 8	1507,20	8000 x 2000 x 25	3140
13000 x 2400 x 8	1959,36	10000 x 2400 x 25	4710
12000 x 3000 x 8	2260,80	13000 x 2400 x 25	6123
2500 x 1200 x 10	235,50	10000 x 2400 x 28 *	5275,20
3000 x 1500 x 10	353,25	13000 x 2400 x 28 *	6857,76
4000 x 2000 x 10	628		1431/350WA
6000 x 2000 x 10	942	2500 x 1200 x 30	706,50
8000 x 2000 x 10	1256	3000 x 1500 x 30	1059,75
10000 x 2400 x 10	1884	4000 x 2000 x 30	1884
13000 x 2400 x 10	2449	6000 x 2400 x 30	3391,20
12000 x 3000 x 10	2826	10000 x 2400 x 30	5652
		13000 x 2400 x 30	7347,60
2500 x 1200 x 12	282,60		
3000 x 1500 x 12	423,90	2500 x 1200 x 32	753,60
4000 x 2000 x 12	754	3000 x 1500 x 32 *	1130,40
6000 x 2000 x 12	1130,40	4000 x 2000 x 32	2009,60
8000 x 2000 x 12	1507,20	10000 x 2400 x 32	6028,80
10000 x 2400 x 12	2260,80	13000 x 2400 x 32 *	7837,44
13000 x 2400 x 12	2939,04		
12000 x 3000 x 12	3391,20	2500 x 1200 x 35	824,25
		3000 x 1500 x 35 *	1236,28
10000 x 2400 x 14 *	2637,60	4000 x 2000 x 35	2198
13000 x 2400 x 14	3428,88	10000 x 2400 x 35	3956,40
		13000 x 2400 x 35	6594
2500 x 1200 x 16	376,80		
3000 x 1500 x 16	565,20	2500 x 1200 x 38	896,60
4000 x 2000 x 16	1004,80	3000 x 1500 x 38 *	1342,35
6000 x 2000 x 16	1507,20	4000 x 2000 x 38	2386,40
8000 x 2000 x 16	2009,60	6000 x 2400 x 38 *	4295,52
10000 x 2400 x 16	3014,40	10000 x 2400 x 38 *	7159,20
13000 x 2400 x 16	3918,72		
12000 x 3000 x 16	4521,60	2500 x 1200 x 40	942
		3000 x 1500 x 40 *	1413
10000 x 2400 x 18 *	3391,20	4000 x 2000 x 40	2512
13000 x 2400 x 18 *	4408,56	6000 x 2400 x 40	4521,60
		10000 x 2400 x 40	7536
2500 x 1200 x 20	471		
3000 x 1500 x 20	706,50	2500 x 1200 x 50	1177,50
4000 x 2000 x 20	1256	3000 x 1500 x 50	1766,25
8000 x 2000 x 20	2512	4000 x 2000 x 50	3140
10000 x 2400 x 20	3768	6000 x 2400 x 50	5652
13000 x 2400 x 20	4898,40		
12000 x 3000 x 20	5652		

* AVAILABILITY OF STOCK MUST BE CHECKED

Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
2500 x 1200 x 55	1295,25	2500 x 1200 x 90	2119,50
3000 x 1500 x 55 *	1942,88	4000 x 2000 x 90 *	5652
4000 x 2000 x 55 *	3454		
4000 x 2400 x 55 *	4144,80	2500 x 1200 x 100 *	2355
		4000 x 2000 x 100	6280
2500 x 1200 x 60	1413		
3000 x 1500 x 60 *	2119,50	2500 x 1200 x 110 *	2590,50
4000 x 2000 x 60	3768	4000 x 2000 x 110 *	6908
2500 x 1200 x 65	1530,75	2500 X 1200 X 115 *	2708
4000 x 2000 x 65	4082		
		2500 X 1200 X 120 *	2826
2500 x 1200 x 70	1648,50		
4000 x 2000 x 70	4396	2500 X 1200 X 125 *	2943,75
2500 x 1200 x 75 *	1766,25	2500 X 1200 X 130 *	3061,50
4000 x 2000 x 75 *	4710		
		2500 X 1200 X 140 *	3297
2500 x 1200 x 80	1884		
4000 x 2000 x 80	5024	2500 X 1200 X 150 *	3532,50
2500 x 1200 x 85 *	2001,75		
4000 x 2000 x 85 *	5338		

Service Divisions

Intermetal processing and cutting facilities can get the right quality product to where the customer needs it - on time:

Flat Products

Modern and specialised cut-to-length, blanking and slitting lines cut steel to exact sizes, ready for manufacture or assembly. This saves on material and preproduction costs.

Cost effective utilisation of our wide range of coil widths, thicknesses and qualities permit competitive pricing.

Plate and Sheet can be accurately cut with plasma, gas or laser into any shape or size.

Guillotining of plate and sheet further enhances the range of product we offer.

*** AVAILABILITY OF STOCK MUST BE CHECKED**

Chapas Galvanizadas Galvanised Sheets Spelter Z275

Qualidade Commercial Commercial Quality



Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
1850 x 925 x 0,5	6,88	1850 x 925 x 1,2	16,51
2450 x 925 x 0,5 *	9,11	2450 x 925 x 1,2 *	21,86
1850 x 1225 x 0,5 *	9,11	1850 x 1225 x 1,2	21,86
2450 x 1225 x 0,5	12,06	2450 x 1225 x 1,2	28,95
1850 x 925 x 0,6	8,25	1850 x 925 x 1,6	22,01
2450 x 925 x 0,6 *	10,93	2450 x 925 x 1,6 *	29,15
1850 x 1225 x 0,6	10,93	1850 x 1225 x 1,6 *	29,15
2450 x 1225 x 0,6	14,48	2450 x 1225 x 1,6	38,60
1850 x 925 x 0,8	11,01	1850 x 925 x 2,0 *	27,51
2450 x 925 x 0,8	14,57	2450 x 925 x 2,0 *	36,44
1850 x 1225 x 0,8 *	14,57	1850 x 1225 x 2,0 *	36,44
2450 x 1225 x 0,8	19,30	2450 x 1225 x 2,0	48,25
1850 x 925 x 1,0	13,76	2450 x 1225 x 2,5	60,32
2450 x 925 x 1,0 *	18,22		
1850 x 1225 x 1,0 *	18,22	2450 x 1225 x 3,0	72,38
2450 x 1225 x 1,0	24,13		

Chapas Lisas de Alumínio

Chapas de Alumínio Espinhada

Varão de Alumínio Redondo

Nominal Size Millimetres	Nominal Size Millimetres	Nominal Mass kg/each
2500 x 1250 x 0,5	2500 x 1250 x 4.6/1,5	6mm
2500 x 1250 x 0,6	2500 x 1250 x 4.6/1,5	8mm
2500 x 1250 x 0,8	2500 x 1250 x 4.6/2,0	10mm
2500 x 1250 x 1,0	2500 x 1250 x 4.6/3,0	12mm
2500 x 1250 x 1,2	2500 x 1250 x 6.1/4,5	16mm
2500 x 1250 x 2,0	2500 x 1250 x 6.1/5,0	20mm
2500 x 1250 x 2,5		25mm
2500 x 1250 x 3,0		30mm
2500 x 1250 x 4,0		40mm
2500 x 1250 x 5,0		50mm
2500 x 1250 x 6,0		

Tubos de Aço Inox Redondo

Tubos de Aço Inox Quadrado

Nominal Size Millimetres	Nominal Size Millimetres	Nominal Size Millimetres	Nominal Size Millimetres
12,70 x 1,5	63,5 x 1,5	12,70 x 12,70 x 1,5	76,2 x 76,2 x 1,5
15,88 x 1,5	76,2 x 1,5	15,88 x 15,88 x 1,5	101,8 x 101,80 x 2,0
19,05 x 1,5	90 x 2,0	19,05 x 19,05 x 1,5	
25,4 x 1,5	101,6 x 2,0	25,4 x 25,04 x 1,5	
31,75 x 1,5	2500 x 1250	31,75 x 31,75 x 1,5	
38,1 x 1,5	2500 x 1250	38 x 38 x 1,5	
48 x 1,5		50,8 x 50,8 x 1,5	
50,8 x 1,5		60,33 x 60,33 x 1,5	
60,33 x 1,5		63,50 x 63,5 x 2,0	

* AVAILABILITY OF STOCK MUST BE CHECKED

Tubos de Aço Inox Rectangular Varão de Aço Inox Redondo

Nominal Size Millimetres	Nominal Mass kg/each
30 x 20 x 1,5	6mm
40 x 20 x 1,5	8mm
40 x 25 x 1,5	10mm
50 x 25 x 1,5	12mm
60 x 40 x 1,5	16mm
80 x 40 x 1,5	20mm
100 x 50 x 1,5	25mm
	30mm
	40mm
	50mm
	60mm
	70mm
	80mm
	90mm
	100mm

Chapas de Aço p/ Vapor Boiler Plates

BS 1501/151/430A



Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
10000 x 2400 x 5	942	4000 X 2000 X 32 *	2010
13000 x 2400 x 5 *	1224,60	10000 x 2400 x 32 *	6029
10000 x 2400 x 6	1130,40	6000 X 2400 X 35	3956
13000 x 2400 x 6 *	1469,52		
12000 x 3000 x 6	1695,60	6000 X 2400 X 38 *	4296
10000 x 2400 x 8	1507,20	6000 X 2400 X 40	4522
13000 x 2400 x 8 *	1959,36	6000 x 2400 x 45 *	5087
12000 x 3000 x 8	2260,80		
		4000 x 2000 x 50 *	3140
10000 x 2400 x 10	1884	6000 x 2400 x 50	5652
13000 x 2400 x 10 *	2449,20		
12000 x 3000 x 10	2826	4000 x 2000 x 60 *	3768
		6000 x 2400 x 60 *	6782
10000 x 2400 x 12	2260,80		
13000 x 2400 x 12 *	2939,04	4000 x 2000 x 65 *	4082
12000 x 3000 x 12	3391,20	4000 x 2400 x 65 *	4898
10000 x 2400 x 16	3014,40	4000 x 2000 x 70 *	4396
13000 x 2400 x 16 *	3918,72	4000 x 2400 x 70 *	5275
12000 x 3000 x 16	4522		
		4000 x 2000 x 75 *	4710
10000 x 2400 x 20	3768	4000 x 2400 x 75 *	5652
13000 x 2400 x 20 *	4898		
12000 x 3000 x 20	5652		
10000 X 2400 X 22 *	4145		
10000 X 2400 X 25	4710		
10000 X 2400 X 30	5652		

* AVAILABILITY OF STOCK MUST BE CHECKED

Chapas de Aço Hard Wearing Plates

SS 10/200 (BENNOX)



Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
2500 x 1200 x 3	72,4	2500 x 1200 x 20	471
		4000 x 2000 x 20	1256
2500 x 1200 x 5	118		
4000 x 2000 x 5 *	314	2500 x 1200 x 25	589
		4000 x 2000 x 25	1570
2500 x 1200 x 6	141		
4000 x 2000 x 6 *	377	2500 x 1200 x 32	754
		4000 x 2000 x 32	2010
2500 x 1200 x 8	188		
4000 x 2000 x 8	502	2500 x 1200 x 35 *	824
2500 x 1200 x 10	236	2500 x 1200 x 40	942
4000 x 2000 x 10	628	4000 x 2000 x 40	2512
2500 x 1200 x 12	283	2500 x 1200 x 45 *	1060
4000 x 2000 x 12	754		
		2500 x 1200 x 50 *	1178
2500 x 1200 x 16	377	4000 x 2000 x 50 *	3140
4000 x 2000 x 16	1005		

Chapas Anti-Corrosivas Corrosive Resistant

Wear Plate
BS4360/WR50/B1



Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
2500 x 1225 x 1,6	39,4	2500 x 1200 x 8	188
		4000 x 2000 x 8	502
2500 x 1225 X 2 *	49,2		
		2500 x 1200 x 10 *	236
2500 x 1200 X 3	72,4	4000 x 2000 x 10	628
2500 x 1200 x 5	118	2500 x 1200 x 12 *	283
4000 x 1800 x 5 *	283	4000 x 2000 x 12	754
4000 x 2000 x 5	314		
10000 x 2400 x 5 *	942	2500 x 1200 x 16	377
		4000 x 2000 x 16 *	1005
2500 x 1200 x 6	141		
4000 x 1800 x 6 *	339	2500 x 1200 x 20	471
4000 x 2000 x 6	377	4000 x 2000 x 20	1256
10000 x 2400 x 6 *	1130		

* AVAILABILITY OF STOCK MUST BE CHECKED

Chapas de Ferro Espinhadas Floor Plates

1431/350WA

Vastrap Floor



Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
2500 x 1200 x 3,0-4,6	78	2000 x 1000 x 8,0-9,6 *	131
		2500 x 1200 x 8,0-9,6	196
2000 x 1000 x 4,5-6,1 *	75,6	4000 x 1200 x 8,0-9,6	313
2500 x 1200 x 4,5-6,1	113	8000 x 1200 x 8,0-9,6	626
4000 x 1200 x 4,5-6,1	181		
8000 x 1200 x 4,5-6,1	363		
2000 x 1000 x 6,0-7,6 *	99,1		
2500 x 1200 x 6,0-7,6	149		
4000 x 1200 x 6,0-7,6	238		
8000 x 1200 x 6,0-7,6	476		

Chapas de Aço Marítimo Lloyds Plates

Grade A



Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
10000 x 2400 x 6	1130	10000 x 2400 x 16 *	3014
10000 x 2400 x 8	1507	10000 x 2400 x 20 *	3768
10000 x 2400 x 10	1884	10000 x 2400 x 25 *	4710
10000 x 2400 x 12	2261		

Sheet Qualities

We hold a wide range of:

- ! Hot Rolled
- ! Cold Rolled
- ! Electrogalvanised
- ! Galvanised

Qualities in coil form. Should you have any requirements for special qualities or for non-standard sheet size, please contact us.

* AVAILABILITY OF STOCK MUST BE CHECKED

Chapas de Aço Oleadas Pickled and Oiled Hot Rolled Sheets

Qualidade Commercial
Commercial Quality



Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
2450 x 1225 x 2,0	48,25	2450 x 1225 x 3,0	72,38
2450 x 1225 x 2,5	60,32	2450 x 1225 x 3,5 *	84,44
2450 x 1225 x 2,8 *	67,56	2450 x 1225 x 4,0 *	96,51

Chapas de Aço Oleadas Pickled and Oiled Improved Formability Sheets

Supraform HR 290



Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
2450 x 1225 x 2,0	48,25	2450 x 1225 x 3,0	72,38
2450 x 1225 x 2,5 *	60,32	2450 x 1225 x 4,0 *	96,51
2450 x 1225 x 2,8 *	67,56		

Chapas de Aço Oleadas Pickled and Oiled Forming & Drawing Sheets

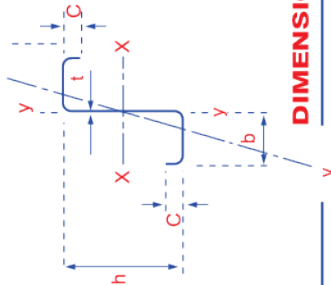
Supraform HR 290



Nominal Size Millimetres	Nominal Mass kg/each	Nominal Size Millimetres	Nominal Mass kg/each
2450 x 1225 x 1,6	38,60	2450 x 1225 x 2,8	67,56
2450 x 1225 x 2,0 *	48,25	2450 x 1225 x 3,0 *	72,38
2450 x 1225 x 2,5 *	60,32		

* AVAILABILITY OF STOCK MUST BE CHECKED

COLD FORMED LIPPED ZEDS



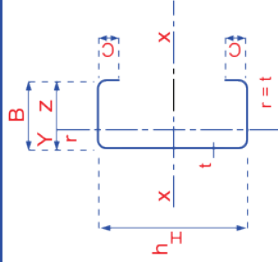
DIMENSIONS

DESIGNATION hxbxcxt MM	MASS KG/M
100 X 50 X 20 X 2.0	3.53
2.5	4.34
3.0	5.13
100 X 65 X 20 X 2.0	4.20
2.5	5.15
3.5	6.06
100 X 75 X 20 X 2.0	4.44
2.5	5.54
3.0	6.54
125 X 50 X 20 X 2.0	3.93
2.5	4.84
3.0	5.72
125 X 65 X 20 X 2.0	4.43
2.5	5.47
3.0	6.48
125 X 75 X 20 X 2.0	4.74
2.5	5.86
3.0	6.95
150 X 50 X 20 X 2.0	4.32
2.5	5.33
3.0	6.30
150 X 65 X 20 X 2.0	4.82
2.5	5.96
3.0	7.07
150 X 75 X 20 X 2.0	5.13
2.5	6.31
3.0	7.48
175 X 75 X 20 X 2.0	6.80
3.5	8.63
4.5	10.83
175 X 75 X 20 X 2.0	6.80
3.0	8.07
3.5	9.31
4.5	11.71

DIMENSIONS

DESIGNATION hxbxcxt MM	MASS KG/M
200 X 50 X 20 X 2.0	5.11
2.5	6.32
3.0	7.52
200 X 65 X 20 X 2.0	5.59
2.5	6.92
3.5	8.22
200 X 75 X 20 X 2.5	7.29
2.5	8.66
3.5	10.00
225 X 50 X 20 X 2.0	5.50
2.5	6.81
3.0	8.10
225 X 65 X 20 X 2.0	5.98
3.0	7.41
225 X 75 X 20 X 2.5	7.78
3.0	9.25
225 X 75 X 20 X 2.5	7.78
3.0	9.25
250 X 50 X 20 X 2.0	6.38
2.5	7.79
3.0	9.17
250 X 65 X 20 X 2.0	6.37
2.5	7.89
3.0	9.40
250 X 75 X 20 X 2.0	6.68
2.5	8.29
3.0	9.87

COLD FORMED LIPPED CHANNELS



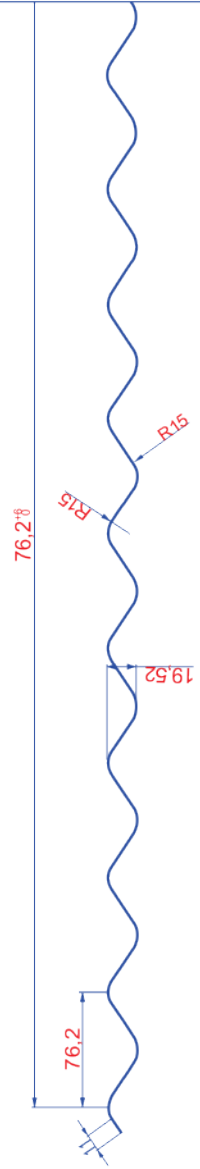
DIMENSIONS

DESIGNATION hxbxcxt MM	MASS KG/M
175 X 50 X 20 X 2.0	4.74
2.5	5.82
3.0	6.89
225 X 65 X 20 X 2.0	5.21
2.5	6.45
3.0	7.66
3.5	8.85
4.5	11.14
175 X 75 X 20 X 2.0	5.51
2.5	6.80
3.0	8.07
3.5	9.31
4.5	11.71
200 X 50 X 20 X 2.0	5.11
2.5	6.32
3.0	7.51
200 X 65 X 20 X 2.0	5.59
2.5	6.92
3.0	8.33
200 X 75 X 20 X 2.0	5.90
2.5	7.29
3.0	8.86
3.5	10.00
4.5	12.60
225 X 50 X 20 X 2.0	5.50
2.5	6.80
3.0	8.07
3.5	9.31

DIMENSIONS

DESIGNATION hxbxcxt MM	MASS KG/M
225 X 65 X 20 X 2.0	5.93
2.5	7.41
3.0	8.81
225 X 75 X 20 X 2.0	6.29
2.5	7.78
3.0	9.25
3.5	10.69
4.0	13.48
250 X 50 X 20 X 2.0	6.37
2.5	7.78
3.0	9.17
250 X 65 X 20 X 2.0	6.37
2.5	7.89
3.0	9.40
250 X 75 X 20 X 2.0	6.68
2.5	8.31
3.0	9.90
3.5	11.46
4.5	14.50
300 X 50 X 20 X 2.0	6.69
2.5	8.32
3.0	9.93
300 X 65 X 20 X 2.0	7.17
2.5	8.91
3.0	10.64
300 X 75 X 20 X 2.0	7.48
2.5	9.30
3.0	11.11

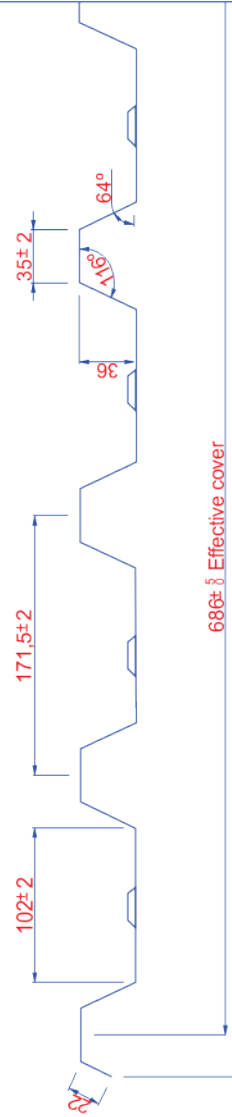
PROFILE RF19.52X762X762 / 925
Cobertura Efectiva / 686



THICKNESS=0.3-0.80MM	RAW MATERIAL : G.I. COIL	RAW MATERIAL LENGTH=
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Chapa IBR

PROFILE YX-36-171.5-925
Cobertura Efectiva / 686



740±8 Overall width

Cobertura em telha/ Tile roofing



LL W23-183.3-1100 profile drawing Coil width: 1250mm

Cobertura Efectiva / 1100



THICKNESS=0.3MM TO 0.8	RAW MATERIAL : G.I. COIL
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N.B. Cortamos a medida do cliente

TECHNICAL SPECIFICATIONS

Technical Data - Sheets

QUALITY	CHEMICAL COMPOSITION % (LADLE ANALYSIS)									TENSILE STRENGTH (MIN) (MPa)	YIELD STRESS (MIN) (MPa)	ELONGATION % (MIN) IN GAUGE LENGTH OF		MANDREL DIAMETER FOR 1800 BEND TEST
	C	Mn	P	S	Si	Cu	Al	Ai	Cr					
COMMERCIAL QUALITY	0,15 MAX							NOT SPECIFIED					FLAT	
BS1449	HR 37/23	0,20 MAX	1,20 MAX	0,05 MAX	0,05 MAX					370	230	28	20	2t<3mm 3t>3mm
	HR 43/25	0,25 MAX	1,20 MAX	0,05 MAX	0,05 MAX					430	250	25	16	3t
	HR 50/35	0,20 MAX	1,50 MAX	0,05 MAX	0,05 MAX					500	350	20	12	3t
	KHR 1	0,08 MAX	0,45 MAX	0,025 MAX	0,03 MAX			0,02/0,06		290	170	34	25	FLAT
COLDROLLED	HR 2	0,00 MAX	0,54 MAX	0,03 MAX	0,035 MAX					290	170	34	25	FLAT
	HR 3	0,10 MAX	0,50 MAX	0,04 MAX	0,04 MAX					290	170	28	21	28
	HR	0,12 MAX	0,60 MAX	0,05 MAX	0,05 MAX					280	170	25	18	1t<3mm 3t>3mm
	KCR	0,08 MAX	0,45 MAX	0,025 MAX	0,03 MAX			0,02/0,07		280	140	38	29	FLAT
	CR 2	0,08 MAX	0,45 MAX	0,03 MAX	0,035 MAX					280	140	36	27	FLAT
	CR 3	0,10 MAX	0,50 MAX	0,04 MAX	0,04 MAX					} SUBJECT TO NEGOTIATION				
	CR 4	0,12 MAX	0,60 MAX	0,05 MAX	0,05 MAX									
	TYPICAL CHEMICAL COMPOSITION %													
SUPRAFORM	HR 190	0,06	0,30	0,02 MAX	0,02 MAX	0,03		0,03		280	190/270	2<t<4=35 4<t<8=37		FLAT
	HR 220	0,05	0,25	0,02 MAX	0,02 MAX	0,02		0,03		320	220/300	2<t<4=32 4<t<8=34		FLAT
	HR 250	0,1	0,55	0,02 MAX	0,02 MAX	0,02		0,03		360	250/300	2<t<4=30 4<t<8=33		2<t<4=FLAT 4<t<8=1t
	HR 290	0,16	0,65	0,02 MAX	0,02 MAX	0,02		0,03		400		2<t<4=30 4<t<8=30		2<t<4=1t 4<t<8=1,5t

WHILE EVERY EFFORT HAS BEEN MADE TO ENSURE THAT THE INFORMATION GIVEN ON THIS PAGE IS ACCURATE, INTERMETAL, SARL DOES NOT ACCEPT RESPONSIBILITY FOR ANY INACCURACIES OR MISINTERPRETATIONS OF THIS DATA

Technical Data - Plates



QUALITY	CHEMICAL COMPOSITION % (LADLE ANALYSIS)											TENSILE STRENGTH (MIN) (MPa)	YIELD STRESS (MPa)	ELONGATION % (MIN) IN GUAGELENGTH OF		CHARPY V NOTCH	
	C	Mn	P	S	Si	V	Al	Mo	Ni	Cr	Cu	B	Nb	200mm.	5.65	TEMP °C	AVE (J)
															✓		
MILD STEEL COMMERCIAL QUALITY	0.20 MAX	0.04 MAX	0.04 MAX	0.04 MAX										20	22		
BS 4360 43A	0.20 MAX	0.60 MAX	0.05 MAX	0.20 MAX	0.50 MAX									20	22	0	22
43C	0.18 MAX	1.50 MAX	0.05 MAX	0.05 MAX	0.50 MAX									20	22	-20	22
43D	0.18 MAX	1.50 MAX	0.04 MAX	0.04 MAX	0.10 MAX									20	22		22
SANS 1431 300WA	0.22 MAX	1.60 MAX	0.04 MAX	0.04 MAX	0.50 MAX									20	22		22
300WC	0.22 MAX	1.60 MAX	0.04 MAX	0.04 MAX	0.50 MAX									20	22	0	27
300WDD	0.22 MAX	1.60 MAX	0.04 MAX	0.04 MAX	0.50 MAX									20	22	-30	27
HIGHER STRENGTH BS4360 50B	0.23 MAX	1.60 MAX	0.05 MAX	0.05 MAX	0.50 MAX	0.003/0.10							0.003/0.10	18	20	20	27
50C	0.20 MAX	1.50 MAX	0.05 MAX	0.05 MAX	0.50 MAX									18	20	0	27
SANS 1431 350WA	0.22 MAX	0.22 MAX	0.04 MAX	0.04 MAX	0.50 MAX									18	20		
350WC	0.22 MAX	1.60 MAX	0.04 MAX	0.04 MAX	0.50 MAX									18	20	0	27
350WDD	0.22 MAX	1.60 MAX	0.04 MAX	0.04 MAX	0.50 MAX									18	20	-30	27
CORROSION RESISTANT CORTEN A	0.12 MAX	0.20/0.50	0.07/0.15	0.05 MAX	0.25/0.75				0.65 MAX	0.30/1.25	0.25/1.55			18 (t<12.7)	22 (50mm)		
CORTEN B	0.19 MAX	0.80/1.25	0.04 MAX	0.05 MAX	0.30/1.65	0.002/0.10	0.015/0.06		0.40 MAX	0.40/0.65	0.25/0.40			18 (t<100)	21 (50mm)		
CORTEN C	0.19 MAX	0.80/1.35	0.19 MAX	0.05 MAX	0.30/1.65	0.004/0.10	0.015/0.06		0.40 MAX	0.40/0.70	0.25/0.40			16 (t<25)	21 (50mm)		
WER RESISTANT S10/200	0.40/0.40	0.60/1.00	0.06/0.06	0.06 MAX	0.10/0.35									SOLD TO CHEMICAL ANALYSIS ONLY			
PRESSURE VESSEL BS1501/151/4030A	0.25 MAX	0.60/1.40	0.03 MAX	0.045 MAX	0.35 MAX			0.10 MAX	0.30 MAX	0.25 MAX	0.30 MAX				23		
BS1501/161/430A	0.25 MAX	0.60/1.40	0.03 MAX	0.03 MAX	0.10/0.35			0.10 MAX	0.30 MAX	0.25 MAX	0.30 MAX				23		

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