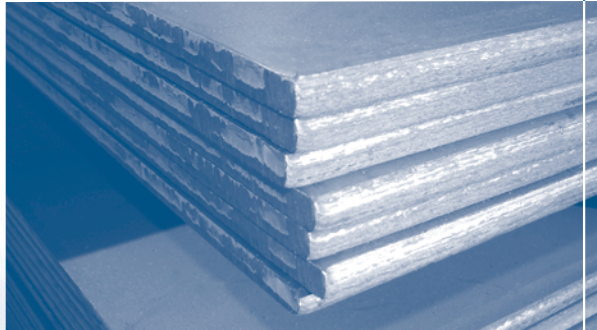


MILD STEEL PLATES

COMMERCIAL QUALITY



NOMINAL SIZE mm	THEORETICAL MASS kg/each
2500 x 1200 x 4,5	105,98
3000 x 1500 x 4,5	158,96
4000 x 2000 x 4,5	282,60
2500 x 1200 x 5	117,75
3000 x 1500 x 5	176,63
4000 x 1800 x 5	282,60
6000 x 1800 x 5	423,90
4000 x 2000 x 5	314,00
8000 x 2000 x 5	628,00
10000 x 2400 x 5	942,00
2500 x 1200 x 6	141,30
3000 x 1500 x 6	211,95
4000 x 1800 x 6	339,12
5700 x 1800 x 6	483,25
6000 x 1800 x 6	508,68
7300 x 1800 x 6	618,89
4000 x 2000 x 6	376,80
8000 x 2000 x 6	753,60
10000 x 2400 x 6	1130,40
2500 x 1200 x 8	188,40
3000 x 1500 x 8	282,60
4000 x 1800 x 8	452,16
6000 x 1800 x 8	678,24
4000 x 2000 x 8	502,40
8000 x 2000 x 8	1004,80
10000 x 2400 x 8	1507,20
2500 x 1200 x 10	235,50
3000 x 1500 x 10	353,25
4000 x 1800 x 10	565,20
6000 x 1800 x 10	847,80
4000 x 2000 x 10	628,00
8000 x 2000 x 10	1256,00
10000 x 2400 x 10	1884,00
2500 x 1200 x 12	282,60
3000 x 1500 x 12	423,90
4000 x 1800 x 12	678,24
6000 x 1800 x 12	1017,36
4000 x 2000 x 12	753,60
8000 x 2000 x 12	1507,20
10000 x 2400 x 12	2260,80
2500 x 1200 x 14	329,70
3000 x 1500 x 14	494,55
4000 x 1800 x 14	791,28

NOMINAL SIZE mm	THEORETICAL MASS kg/each
6000 x 1800 x 14	1186,92
4000 x 2000 x 14	879,20
8000 x 2000 x 14	1758,40
10000 x 2400 x 14	2637,60
2500 x 1200 x 16	376,80
3000 x 1500 x 16	565,20
4000 x 1800 x 16	904,32
6000 x 1800 x 16	1356,48
4000 x 2000 x 16	1004,80
8000 x 2000 x 16	2009,60
10000 x 2400 x 16	3014,40
2500 x 1200 x 18	423,90
3000 x 1500 x 18	635,85
4000 x 1800 x 18	1017,36
6000 x 1800 x 18	1526,04
4000 x 2000 x 18	1130,40
8000 x 2000 x 18	2260,80
10000 x 2400 x 18	3391,20
2500 x 1200 x 20	471,00
3000 x 1500 x 20	706,50
4000 x 1800 x 20	1130,40
6000 x 1800 x 20	1695,60
4000 x 2000 x 20	1256,00
8000 x 2000 x 20	2510,00
10000 x 2400 x 20	3768,00
2500 x 1200 x 22	518,10
3000 x 1500 x 22	777,15
4000 x 1800 x 22	1243,44
6000 x 1800 x 22	1865,16
4000 x 2000 x 22	1381,60
8000 x 2000 x 22	2763,20
10000 x 2400 x 22	4144,80
2500 x 1200 x 25	588,75
3000 x 1500 x 25	883,13
4000 x 1800 x 25	1413,00
6000 x 1800 x 25	2119,50
4000 x 2000 x 25	1570,00
8000 x 2000 x 25	3140,00
10000 x 2400 x 25	4710,00
2500 x 1200 x 28	659,40
3000 x 1500 x 28	989,10
4000 x 2000 x 28	1758,40



PLATES

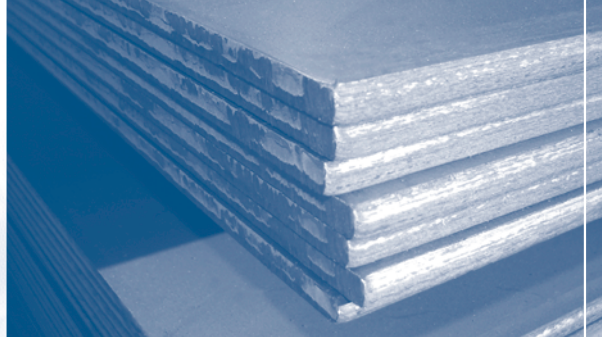
SABS 1431/ S355

NOMINAL SIZE mm	THEORETICAL MASS kg/each
2500 x 1200 x 4,5	105,98
3000 x 1500 x 4,5	158,96
4000 x 2000 x 4,5	282,60
2500 x 1200 x 5	117,75
3000 x 1500 x 5	176,63
4000 x 2000 x 5	314,00
4500 x 2000 x 5	353,25
8000 x 2000 x 5	628,00
4500 x 2400 x 5	423,90
10000 x 2400 x 5	942,00
13000 x 2400 x 5	1224,60
2500 x 1200 x 6	141,30
3000 x 1500 x 6	211,95
5700 x 1800 x 6	483,25
7300 x 1800 x 6	618,89
1900 x 1900 x 6	170,03
4000 x 2000 x 6	376,80
4500 x 2000 x 6	423,90
8000 x 2000 x 6	753,60
2400 x 2400 x 6	271,30
4500 x 2400 x 6	508,68
10000 x 2400 x 6	1130,40
13000 x 2400 x 6	1469,52
12000 x 3000 x 6	1695,60
2500 x 1200 x 8	188,40
3000 x 1500 x 8	282,60
4000 x 2000 x 8	502,40
4500 x 2000 x 8	565,20
8000 x 2000 x 8	1004,80
4500 x 2400 x 8	678,24
10000 x 2400 x 8	1507,20
13000 x 2400 x 8	1959,36
12000 x 3000 x 8	2260,80
2500 x 1200 x 10	235,50
3000 x 1500 x 10	353,25
6000 x 1800 x 10	847,80
4000 x 2000 x 10	628,00
6000 x 2000 x 10	942,00
8000 x 2000 x 10	1256,00
10000 x 2400 x 10	1884,00
13000 x 2400 x 10	2449,20
12000 x 3000 x 10	2826,00

NOMINAL SIZE mm	THEORETICAL MASS kg/each
2500 x 1200 x 12	282,60
3000 x 1500 x 12	423,90
6000 x 1800 x 12	1017,36
4000 x 2000 x 12	753,60
6000 x 2000 x 12	1130,40
8000 x 2000 x 12	1507,20
10000 x 2400 x 12	2260,80
13000 x 2400 x 12	2939,04
12000 x 3000 x 12	3391,20
8000 x 2000 x 14	1758,40
6000 x 2400 x 14	1582,56
10000 x 2400 x 14	2637,60
13000 x 2400 x 14	3428,88
2500 x 1200 x 16	376,80
3000 x 1500 x 16	565,20
4000 x 2000 x 16	1004,80
6000 x 2000 x 16	1507,20
8000 x 2000 x 16	2009,60
10000 x 2400 x 16	3014,40
13000 x 2400 x 16	3918,72
12000 x 3000 x 16	4521,60
8000 x 2000 x 18	2260,80
6000 x 2400 x 18	2034,72
10000 x 2400 x 18	3391,20
13000 x 2400 x 18	4408,56
2500 x 1200 x 20	471,00
3000 x 1500 x 20	706,50
4000 x 2000 x 20	1256,00
8000 x 2000 x 20	2512,00
10000 x 2400 x 20	3768,00
13000 x 2400 x 20	4898,40
12000 x 3000 x 20	5652,00
8000 x 2000 x 22	2763,20
10000 x 2400 x 22	4144,80
13000 x 2400 x 22	5388,24

PLATES

SABS 1431/ S355



NOMINAL SIZE mm	THEORETICAL MASS kg/each
2500 x 1200 x 25	588,75
3000 x 1500 x 25	883,13
4000 x 2000 x 25	1570,00
8000 x 2000 x 25	3140,00
10000 x 2400 x 25	4710,00
13000 x 2400 x 25	6123,00
10000 x 2400 x 28	5275,20
13000 x 2400 x 28	6857,76
2500 x 1200 x 30	706,50
3000 x 1500 x 30	1059,75
4000 x 2000 x 30	1884,00
6000 x 2400 x 30	3391,20
10000 x 2400 x 30	5652,00
13000 x 2400 x 30	7347,60
2500 x 1200 x 32	753,60
3000 x 1500 x 32	1130,40
4000 x 2000 x 32	2009,60
10000 x 2400 x 32	6028,80
13000 x 2400 x 32	7837,44
2000 x 1000 x 35	549,50
2500 x 1200 x 35	824,25
3000 x 1500 x 35	1236,38
4000 x 2000 x 35	2198,00
6000 x 2400 x 35	3956,40
10000 x 2400 x 35	6594,00
2000 x 1000 x 38	596,60
2500 x 1200 x 38	894,90
3000 x 1500 x 38	1342,35
4000 x 2000 x 38	2386,40
6000 x 2400 x 38	4295,52
10000 x 2400 x 38	7159,20
2000 x 1000 x 40	628,00
2500 x 1200 x 40	942,00
3000 x 1500 x 40	1413,00
4000 x 2000 x 40	2512,00
6000 x 2400 x 40	4521,60
10000 x 2400 x 40	7536,00

NOMINAL SIZE mm	THEORETICAL MASS kg/each
2000 x 1000 x 45	706,50
2500 x 1200 x 45	1059,75
3000 x 1500 x 45	1589,63
4000 x 2000 x 45	2826,00
6000 x 2400 x 45	5086,80
10000 x 2400 x 45	8478,00
2000 x 1000 x 50	785,50
2500 x 1200 x 50	1177,50
3000 x 1500 x 50	1766,25
4000 x 2000 x 50	3140,00
4000 x 2400 x 50	3768,00
6000 x 2400 x 50	5652,00
2000 x 1000 x 55	863,50
2500 x 1200 x 55	1295,25
3000 x 1500 x 55	1942,88
4000 x 2000 x 55	3454,00
4000 x 2400 x 55	4144,80
2000 x 1000 x 60	942,00
2500 x 1200 x 60	1413,00
3000 x 1500 x 60	2119,50
4000 x 2000 x 60	3768,00
2000 x 1000 x 65	1020,50
2500 x 1200 x 65	1530,75
3000 x 1500 x 65	2296,13
4000 x 2000 x 65	4082,00
2000 x 1000 x 70	1099,00
2500 x 1200 x 70	1648,50
3000 x 1500 x 70	2472,75
4000 x 2000 x 70	4396,00
2000 x 1000 x 75	1177,50
2500 x 1200 x 75	1766,25
3000 x 1500 x 75	2649,38
4000 x 2000 x 75	4710,00
2500 x 1200 x 80	1884,00
3000 x 1500 x 80	2826,00
4000 x 2000 x 80	5024,00



PLATES

SABS 1431/ S355

NOMINAL SIZE mm	THEORETICAL MASS kg/each
2500 x 1200 x 85	2001,75
3000 x 1500 x 85	3002,63
4000 x 2000 x 85	5338,00
2500 x 1200 x 90	2119,50
3000 x 1500 x 90	3179,25
4000 x 2000 x 90	5652,00
2500 x 1200 x 100	2355,00
3000 x 1500 x 100	3532,50
4000 x 2000 x 100	6280,00
2500 x 1200 x 110	2590,50
3000 x 1500 x 110	3885,75
4000 x 2000 x 110	6908,00

NOMINAL SIZE mm	THEORETICAL MASS kg/each
2500 x 1200 x 115	2708,25
3000 x 1500 x 115	4062,38
2500 x 1200 x 120	2826,00
3000 x 1500 x 120	4239,00
2500 x 1200 x 125	2934,75
3000 x 1500 x 125	4415,63
2500 x 1200 x 130	3061,50
3000 x 1500 x 130	4592,25
2500 x 1200 x 140	3297,00
3000 x 1500 x 140	4945,50
2500 x 1200 x 150	3532,50
3000 x 1500 x 150	5298,75

FLOOR PLATES CHECKER/VASTRAP

NOMINAL SIZE mm	THEORETICAL MASS kg/each
2500 x 1200 x 3,0-4,6	78,00
2000 x 1000 x 4,5-6,1	75,56
2500 x 1200 x 4,5-6,1	113,34
4000 x 1200 x 4,5-6,1	181,34
8000 x 1200 x 4,5-6,1	362,69
2000 x 1000 x 6,0-7,6	99,10
2500 x 1200 x 6,0-7,6	148,65
4000 x 1200 x 6,0-7,6	237,84
8000 x 1200 x 6,0-7,6	475,68
2000 x 1000 x 8,0-9,6	130,50
2500 x 1200 x 8,0-9,6	195,75
4000 x 1200 x 8,0-9,6	313,20
8000 x 1200 x 8,0-9,6	626,40

LLOYDS PLATES GRADE A

NOMINAL SIZE mm	THEORETICAL MASS kg/each
10000 x 2400 x 6	1130,40
10000 x 2400 x 8	1507,20
10000 x 2400 x 10	1884,00
10000 x 2400 x 12	2260,80
10000 x 2400 x 16	3014,40
10000 x 2400 x 20	3768,00
10000 x 2400 x 25	4710,00

BOILER PLATES

BS 1501/151/430A



NOMINAL SIZE mm	THEORETICAL MASS kg/each
10000 x 2400 x 5	942,00
13000 x 2400 x 5	1224,60
10000 x 2400 x 6	1130,40
13000 x 2400 x 6	1469,52
12000 x 3000 x 6	1695,60
10000 x 2400 x 8	1507,20
13000 x 2400 x 8	1959,36
12000 x 3000 x 8	2260,80
10000 x 2400 x 10	1884,00
13000 x 2400 x 10	2449,20
12000 x 3000 x 10	2826,00
10000 x 2400 x 12	2260,80
13000 x 2400 x 12	2939,04
12000 x 3000 x 12	3391,20
10000 x 2400 x 14	2637,60
13000 x 2400 x 14	3428,88
10000 x 2400 x 16	3014,40
13000 x 2400 x 16	3918,72
12000 x 3000 x 16	4521,60
10000 x 2400 x 18	3391,20
13000 x 2400 x 18	4408,56
10000 x 2400 x 20	3768,00
13000 x 2400 x 20	4898,40
12000 x 3000 x 20	5652,00

NOMINAL SIZE mm	THEORETICAL MASS kg/each
10000 x 2400 x 22	4144,80
10000 x 2400 x 25	4710,00
10000 x 2400 x 30	5652,00
4000 x 2000 x 32	2009,60
10000 x 2400 x 32	6028,80
6000 x 2400 x 35	3956,40
6000 x 2400 x 38	4295,52
6000 x 2400 x 40	4521,60
6000 x 2400 x 45	5086,80
4000 x 2000 x 50	3140,00
6000 x 2400 x 50	5652,00
4000 x 2000 x 60	3768,00
6000 x 2400 x 60	6782,40
4000 x 2000 x 65	4082,00
4000 x 2400 x 65	4898,40
4000 x 2000 x 70	4396,00
4000 x 2400 x 70	5275,20
4000 x 2000 x 75	4710,00
4000 x 2400 x 75	5652,00
4000 x 2000 x 80	5024,00



HARD WEARING PLATES SS 10/200 (BENNOX)

NOMINAL SIZE mm	THEORETICAL MASS kg/each
2500 x 1200 x 3	70,65
2500 x 1200 x 5	117,75
4000 x 2000 x 5	314,00
2500 x 1200 x 6	141,30
4000 x 2000 x 6	376,80
2500 x 1200 x 8	188,40
4000 x 2000 x 8	502,40
2500 x 1200 x 8	188,40
4000 x 2000 x 8	502,40
2500 x 1200 x 10	235,50
4000 x 2000 x 10	628,00
2500 x 1200 x 12	282,60
4000 x 2000 x 12	753,60

NOMINAL SIZE mm	THEORETICAL MASS kg/each
2500 x 1200 x 16	376,80
4000 x 2000 x 16	1004,80
2500 x 1200 x 20	471,00
4000 x 2000 x 20	1256,00
2500 x 1200 x 25	588,75
4000 x 2000 x 25	1570,00
2500 x 1200 x 32	753,60
4000 x 2000 x 32	2009,60
2500 x 1200 x 35	824,25
2500 x 1200 x 40	942,00
4000 x 2000 x 40	2512,00
2500 x 1200 x 45	1059,75
2500 x 1200 x 50	1177,50
4000 x 2000 x 50	3140,00

CORTEN PLATES BS 4360/WR50/B1

NOMINAL SIZE mm	THEORETICAL MASS kg/each
2500 x 1225 x 1,6	38,47
2500 x 1225 x 2	48,08
2500 x 1200 x 3	70,65
2500 x 1200 x 5	117,75
4000 x 1800 x 5	282,60
4000 x 2000 x 5	314,00
10000 x 2400 x 5	942,00
2500 x 1200 x 6	141,30
4000 x 1800 x 6	339,12
4000 x 2000 x 6	376,80
10000 x 2400 x 6	1130,40

NOMINAL SIZE mm	THEORETICAL MASS kg/each
2500 x 1200 x 8	188,40
4000 x 2000 x 8	502,40
2500 x 1200 x 10	235,50
4000 x 2000 x 10	628,00
2500 x 1200 x 12	282,60
4000 x 2000 x 12	753,60
2500 x 1200 x 16	376,80
4000 x 2000 x 16	1004,80
2500 x 1200 x 20	471,00
4000 x 2000 x 20	1256,00

PLATES

TECHNICAL DATA

QUALITY	CHEMICAL COMPOSITION % (LADLE ANALYSIS)													TENSILE STRENGTH	YIELD STRESS	ELONGATION %		CHARPY V NOTCH	
	C	Mn	P	S	Si	V	Al	Mo	Ni	Cr	Cu	B	Nb	(MIN) (MPa)	(MPa)	(MIN) IN GAUGE LENGTH OF	5,65 $\sqrt{S_0}$	TEMP °C	AVE (J)
MILD STEEL COMMERCIAL QUALITY	0,25 MAX		0,04 MAX	0,04 MAX										NOT SPECIFIED					
BS 4360																20	22		
43A	0,25 MAX	1,60 MAX	0,05 MAX	0,05 MAX	0,50 MAX									430/ AR580	275 (t<16)	20	22	0	27
43C	0,18 MAX	1,50 MAX	0,05 MAX	0,05 MAX	0,50 MAX									430/ AR580	275 (t<16)	20	22	-20	27
43D	0,16 MAX	1,50 MAX	0,04 MAX	0,04 MAX	0,10/ 0,50									430/ AR580	275 (t<16)				
SABS 1431																20	22		
300WA	0,22 MAX	1,60 MAX	0,04 MAX	0,04 MAX	0,50 MAX									450/ AR620	300 (t<40)	20	22	0	27
300WC	0,22 MAX	1,60 MAX	0,04 MAX	0,04 MAX	0,50 MAX									450/ AR620	300 (t<40)	20	22	-30	27
300WDD	0,22 MAX	1,60 MAX	0,04 MAX	0,04 MAX	0,50 MAX									450/ AR620	300 (t<40)				
HIGHER STRENGTH																			
BS 4360																18	20	20	27
50B	0,23 MAX	1,60 MAX	0,05 MAX	0,05 MAX	0,50 MAX	0,003/ 0,10							0,003/ 0,10	490/ AR640	355 (t<16)	18	20	0	27
50C	0,20 MAX	1,50 MAX	0,05 MAX	0,05 MAX	0,50 MAX								0,003/ 0,10	490/ AR640	355 (t<16)				
SABS 1431																18	20		
350WA	0,22 MAX	1,60 MAX	0,04 MAX	0,04 MAX	0,50 MAX									480/ AR650	350 (t<40)	18	20	0	27
350WC	0,22 MAX	1,60 MAX	0,04 MAX	0,04 MAX	0,50 MAX									480/ AR650	350 (t<40)	18	20	-30	27
350WDD	0,22 MAX	1,60 MAX	0,04 MAX	0,04 MAX	0,50 MAX									480/ AR650	350 (t<40)				
CORROSION RESISTANT																18	22		
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/ 0,55			480 (t<12,7)	345 (t<12,7)	(t<12,7)	(50mm)		
CORTEN B	0,19 MAX	0,80/ 1,25	0,04 MAX	0,05 MAX	0,30/ 0,65	0,02/ 0,10	0,015/ 0,06		0,40 MAX	0,40/ 0,65	0,25/ 0,40			480 (t<100)	345 (t<100)	(t<100)	(50mm)		
CORTEN C	0,19 MAX	0,80/ 1,35	0,04 MAX	0,05 MAX	0,30/ 0,65	0,04/ 0,10	0,015/ 0,06		0,40 MAX	0,40/ 0,70	0,25/ 0,40			550 (t<25)	415 (t<25)	(t<25)	(50mm)		
WEAR RESISTANT														SOLD TO CHEMICAL ANALYSIS ONLY					
S10/200	0,40/ 0,55	0,60/ 1,00	0,06 MAX	0,06 MAX	0,10/ 0,35														
PRESSURE VESSEL																	23		
BS 1501/151/430A	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			430/ 550	240 (16<t<40)		23		
BS 1501/161/430A	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			430/ 550	230 (40<t<63)				