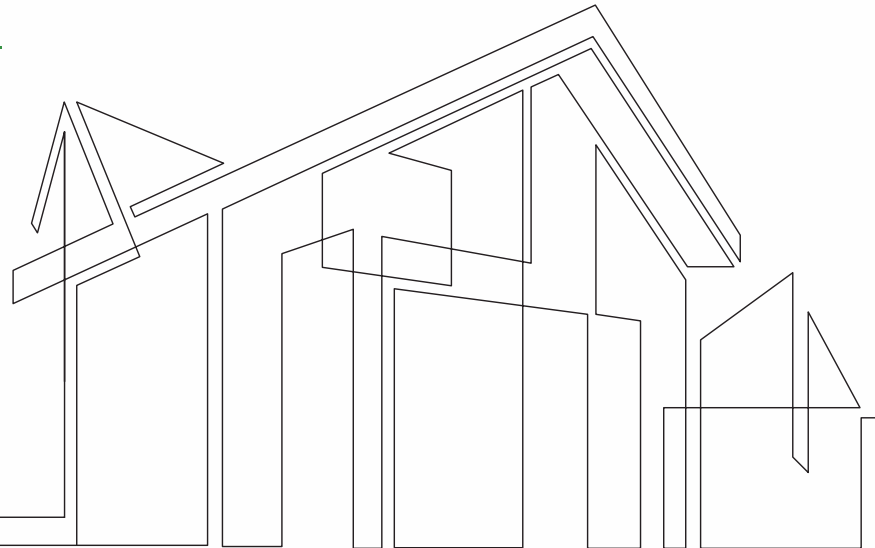
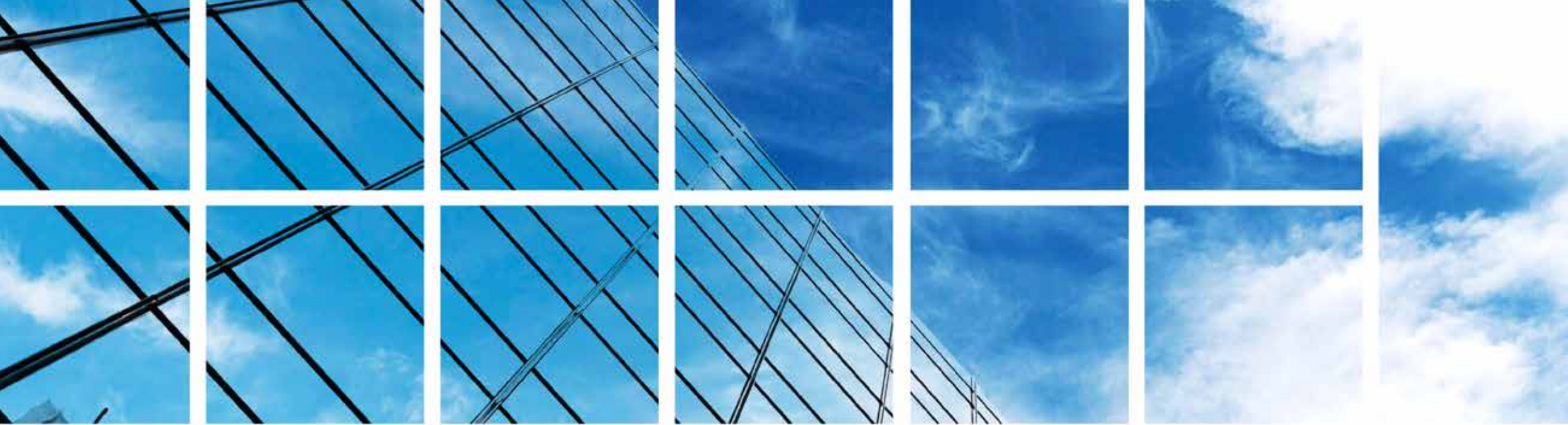




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MANUFACTURER OF **DURA****STRONG** RANGE OF PRODUCTS

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Established in 1986 by our esteemed Chairman & Managing Director, Mr. Vinod Kumar Singhal, Shri Lakshmi Group (SL Group) and Shri Lakshmi Steel Suppliers (SLSS) have grown to become one of the leading steel trading companies in South India. We are proud to be the Authorized Distributor for prominent manufacturers including SAIL, RINL, JSPL, APL Apollo Nezone Tube, BMM Ispat Ltd, and Surya Roshini Ltd. Our extensive range of high quality steel products includes TMT Bars, MS Channels(ISMC), MS Beams / Joist (ISMB)/NPFB, MS Angles (ISA), Hot Rolled Plates, Cold Rolled Sheets, Galvanized Plain Sheets, Galvanized Corrugated Sheets, MS Round Bars, MS Black and Galvanized Steel Tubes, MS Hollow Sections (SHS / RHS), and Color Profile Sheets.

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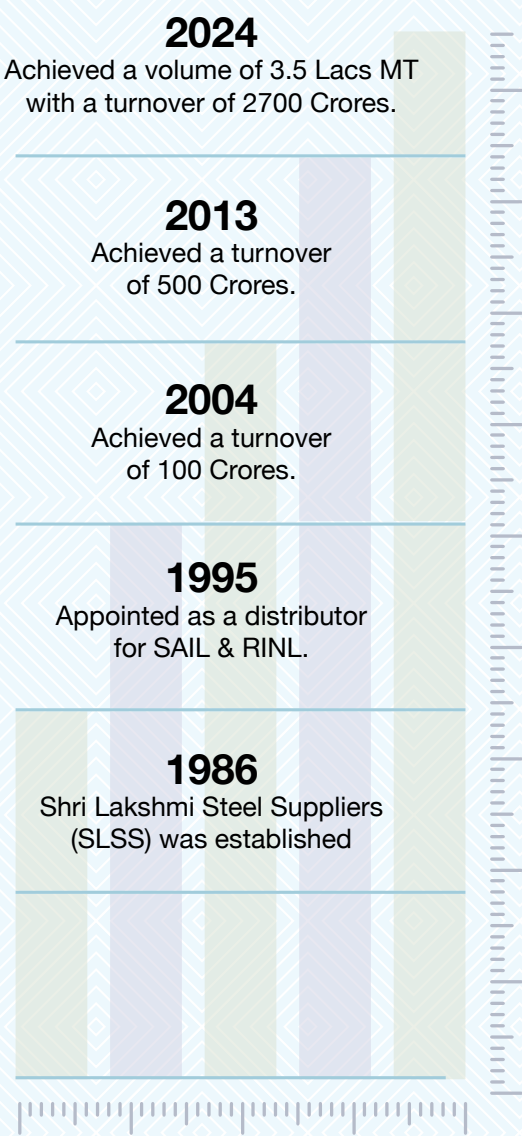
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Expert Staff Our greatest asset is our dedicated team. Each member is meticulously trained to understand and fulfill every customer's needs efficiently, ensuring a seamless execution of services.

Modern Stockyards We operate some of the industry's most advanced stockyards, equipped with covered facilities to maintain materials in pristine condition. Our stockyards are organized for uniform material storage, enabling easy loading and quick dispatch.

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Efficient Delivery Fleet To guarantee prompt delivery of your orders, we maintain a fleet of lorries and trailers, supported by dedicated professional transport agencies. This ensures your materials arrive on time, every time.



CONSISTENT PERFORMANCE AWARD FROM JINDAL PANTHER - TMT REBARS



INTERSTELLAR AWARD



GOLD DISTRIBUTOR



VALUE ASSOCIATION AWARD FROM SAIL AWARDS & ACCOLADES



AWARDED FOR WORKING UNDER CHALLENGING CONDITION

TECHNICAL SPECIFICATION

CTD / TMT BARS

DIMENSION & PROPERTIES AS PER ISI SPECIFICATION IS: 1786				
(mm)	(cm2)	(Kg / Mtr)	(Kg / Mtr)	(Mtr / MT) appx
8	0.5	0.4	0.37 - 0.42	2500
10	0.78	0.62	0.57 - 0.66	1600
12	1.13	0.89	0.84 - 0.93	1100
16	2.01	1.58	1.5 - 1.66	630
20	3.14	2.47	2.39 - 2.54	400
22	3.8	2.99	2.9 - 3.07	330
25	4.91	3.86	3.74 - 3.97	260
28	6.16	4.83	4.69 - 5.98	200
32	8.04	6.31	6.13 - 6.51	155
36	10.18	7.99	7.75 - 8.23	120
40	12.57	9.85	9.57 - 10.17	100

GRADES AVAILABLE: FE 415/FE 500/FE 600

ROUND BARS

DIMENSION & PROPERTIES AS PER ISI SPECIFICATION IS: 2062 - 2006			
Diametre	Weight / Metre	Sectional Area	Perimetre
(d)	(w)	(a)	(p)
10.00	0.62	0.79	3.14
12.00	0.89	1.13	3.77
16.00	1.58	2.01	5.03
20.00	2.47	3.14	6.28
22.00	2.98	3.80	6.91
25.00	3.85	4.91	7.85
28.00	4.83	6.16	8.80
32.00	6.31	8.04	10.05
36.00	7.99	10.18	11.31
40.00	9.86	12.57	12.57
45.00	12.50	15.90	14.14
46.50	13.33	-	-
48.00	14.21	-	-
50.00	15.41	19.64	15.71
56.00	19.34	24.63	17.59
63.00	24.47	31.17	19.79
71.00	31.08	39.59	22.31
80.00	39.46	50.27	25.13

ALSO AVAILABLE IN IS: 1018 AND EN GRADE

MILD STEEL BEAMS

DIMENSION & PROPERTIES AS PER ISI SPECIFICATION IS: 2062 - 2006							
Designation	Depth of Section	Width of Flange	Thickness of Web	Weight / Mtr	Sectional Area	Moduli of Section	
	h	b	t	w	a	Zxx	Zyy
	(mm)	(mm)	(mm)	(Kg)	(cm2)	(cm2)	(cm2)
ISMB 100	100	60	4.5	11.5	14.6	51.5	10.9
ISMB 125	125	70	5	13.2	16.6	71.2	11.7
ISMB 150	150	75	5	15	19	95.7	13.1
ISMB 175	175	85	5.8	19.5	24.6	145.4	18.9
ISMB 200	200	100	5.7	25.4	32.3	223.5	30
ISMB 250	250	125	6.9	37.3	47.6	410.5	53.5
ISMB 300	300	140	7.7	46.1	58.6	599	69.5
ISMB 350	350	140	8.1	52.4	66.7	778.9	76.8
ISMB 400	400	140	8.9	61.5	78.5	1022.9	88.9
ISMB 450	450	150	9.4	72.4	92.3	1350.7	111.2
ISMB 500	500	180	10.2	86.9	110.7	10808.7	152.2
ISMB 600	600	210	12	123	156.2	3060.4	252.5

MILD STEEL CHANNELS

DIMENSION & PROPERTIES AS PER ISI SPECIFICATION IS: 2062 - 2006							
Designation	Depth of Section	Width of Flange	Thickness of Web	Weight / Mtr	Sectional Area	Moduli of Section	
	h	b	t	w	a	Zxx	Zyy
	(mm)	(mm)	(mm)	(Kg)	(cm2)	(cm2)	(cm2)
ISMC 75	75	40	4.8	7.1	9.1	20.3	4.7
ISMC 100	100	50	5	9.6	12.2	37.3	7.5
ISMC 125	125	65	5.3	13.1	16.7	68	13.4
ISMC 150	150	75	5.7	16.8	21.3	105	19.4
ISMC 175	175	75	6	19.6	24.4	139.8	22.8
ISMC 200	200	75	6.2	22.3	28.5	181	26.4
ISMC 250	250	82	7.2	34.2	39	307	38.4
ISMC 300	300	90	7.8	36.3	46.3	428	47.1
ISMC 400	400	100	8.8	50.1	63.8	760	67

MILD STEEL EQUAL ANGLES

DIMENSION & PROPERTIES AS PER ISI SPECIFICATION IS: 2062 - 2006					
Size	Thickness	Sectional Area	Weight / Meter	Center of Gravity	Moments of Inertia
A x B	t	a	w	Cxx=Cyy	Lxx=Lyy
(mm x mm)	(mm)	(cm2)	(KG)	(cm)	(cm4)
25x25	3	1.41	1.10	0.71	0.80
	4	1.84	1.40	0.75	1.00
	5	2.25	1.80	0.79	1.20
30x30	3	1.73	1.40	0.83	1.40
	4	2.26	1.80	0.87	1.80
	5	2.77	2.20	0.92	2.10
35 x 35	3	2.03	1.60	0.95	2.30
	4	2.66	2.10	1.00	2.90
	5	3.27	2.60	1.04	3.50
	6	3.86	3.00	1.08	4.10
40x40	3	2.34	1.80	1.08	3.40
	4	3.07	2.40	1.12	4.50
	5	3.78	3.00	1.16	5.40
	6	4.47	3.50	1.20	6.30
45x45	3	2.64	2.10	1.02	5.00
	4	3.47	2.70	1.25	6.50
	5	4.28	3.40	1.29	7.90
	6	5.07	4.00	1.33	9.20
50x50	3	2.95	2.30	1.32	6.90
	4	3.88	3.00	1.37	9.10
	5	4.79	3.80	1.41	11.00
	6	5.68	4.50	1.45	12.90
65x65	5	6.25	4.90	1.77	24.70
	6	7.44	5.80	1.81	29.10
	8	9.76	7.70	1.89	37.40
	10	12	9.40	1.97	45.00

MILD STEEL EQUAL ANGLES

DIMENSION & PROPERTIES AS PER ISI SPECIFICATION IS: 2062 - 2006					
Size	Thickness	Sectional Area	Weight / Meter	Center of Gravity	Moments of Inertia
A x B	t	a	w	Cxx=Cyy	Lxx=Lyy
(mm x mm)	(mm)	(cm2)	(KG)	(cm)	(cm4)
75x75	5	7.27	5.70	2.02	38.70
	6	8.66	6.80	2.06	45.70
	8	11.38	8.90	2.14	59.00
	10	14.02	11.00	2.22	71.40
90x90	6	10.47	8.20	2.24	80.10
	8	13.79	10.80	2.51	104.20
	10	17.03	13.40	2.59	126.70
	12	20.19	15.80	2.66	147.90
100x100	6	11.67	9.20	2.67	111.30
	8	15.39	12.10	2.76	145.10
	10	19.35	14.90	2.84	177.00
	12	22.59	17.70	2.92	207.00
130x130	8	20.22	15.90	3.50	328.30
	10	25.06	19.70	3.58	402.70
	12	29.82	23.50	3.66	473.80
	16	36.81	28.90	3.78	574.60
150x150	10	29.03	22.80	4.06	622.40
	12	34.59	27.20	4.14	735.40
	16	42.78	35.80	4.26	896.80
	20	50.79	44.10	4.38	1084.90

SAIL NARROW PARALLEL FLANGE BEAMS

AS PER IS 12778 / (DIN 1025)															
Beam (NPB)	Dimensions							Sectional Properties							
	Mass	Area	Depth	Width	Web Thick	Flange Thick	Rood Rad	Moment of Inertia		Radius of Gyration		Section Modulus		Plastic Section Modulus	
	M	A	H	B	t _w	t _r	r	I _x	I _y	r _x	r _y	Z _x	Z _y	Z _{px}	Z _{py}
	kg / m	cm ²	mm	mm	mm	mm	mm	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³	cm ³	cm ³
NPB 100x55	8.10	10.32	100.00	55.00	4.10	5.70	7.00	171.01	15.92	4.07	1.24	34.20	5.79	39.41	9.15
NPB 200x100	22.36	28.49	200.00	100.00	5.60	8.50	12.00	1943.17	142.37	8.26	2.24	194.32	28.47	220.66	44.62
NPB 200x100	25.09	31.96	202.00	102.00	6.20	9.50	12.00	2211.05	168.86	8.32	2.30	218.92	33.11	249.44	51.90
NPB 300x150 (IPE 300)	42.25	53.82	300.00	150.00	7.10	10.70	15.00	8356.10	603.78	12.46	3.35	557.07	80.50	628.40	125.23
NPB 300x150 (IPE 300)	49.32	62.83	304.00	132.00	8.00	12.70	15.00	9994.20	745.72	12.61	3.45	657.51	98.12	743.86	152.59
NPB 400x180 (IPE 400)	57.38	73.10	397.00	180.00	7.00	12.00	21.00	20292.57	1170.59	16.66	4.00	1022.30	130.07	1144.02	202.09
NPB 400x180 (IPE 400)	66.31	84.47	400.00	180.00	8.60	13.50	21.00	23128.35	1317.82	16.55	3.95	1156.42	146.42	1307.26	229.02
NPB 450x190 (IPE 450)	67.15	85.55	447.00	190.00	7.60	13.10	21.00	29758.80	1502.40	18.65	4.19	1331.49	158.15	1494.42	245.76
NPB 450x190 (IPE 450)	77.58	98.83	450.00	190.00	9.40	14.60	21.00	33742.91	1675.86	18.48	4.12	1499.69	176.41	1701.93	276.40
NPB 500x200 (IPE 500)	90.69	115.53	500.00	200.00	10.20	16.00	21.00	48198.50	2141.68	20.43	4.31	1927.94	214.17	2194.27	335.90
NPB 600x220 (IPE 600)	122.45	155.99	600.00	220.00	12.00	19.00	24.00	92083.40	3387.34	24.30	4.66	3069.45	307.94	3512.64	485.68

TECHNICAL SPECIFICATION

GALVANIZED CORRUGATED SHEETS

WEIGHT PER PIECE (3.0 Feet - 900 mm)								
Thickness	6ft	8ft	10ft	12ft	14ft	16ft	18ft	20ft
(mm)	1829	2438	3048	3658	4267	4877	5486	6096
0.12	1.7	2.3	2.9	3.4	4.0	4.6	5.2	5.7
0.16	2.3	3.1	3.8	4.6	5.4	6.1	6.9	7.7
0.2	2.9	3.8	4.8	5.7	6.7	7.7	8.6	9.6
0.25	3.6	4.8	6.0	7.2	8.4	9.6	6.9	12.0
0.3	4.3	5.7	7.2	8.6	10.0	11.5	12.9	14.4
0.35	5.0	6.7	8.4	10.1	11.7	13.4	15.1	16.7
0.4	5.7	7.7	9.6	11.5	13.4	15.3	17.2	19.1
0.45	6.5	8.6	10.8	12.9	15.1	17.2	19.4	21.5
0.5	7.2	9.6	12.0	14.4	16.7	19.1	21.5	23.9
The weight mentioned is subject to tolerance of + / - 10%								

GALVANIZED CORRUGATED SHEETS

WEIGHT PER PIECE (4.0 Feet - 1220 mm)								
Thickness	6ft	8ft	10ft	12ft	14ft	16ft	18ft	20ft
(mm)	1829	2438	3048	3658	4267	4877	5486	6096
0.12	3.8	5.1	6.3	7.6	8.8	10.1	11.4	12.6
0.25	4.7	6.3	7.9	9.5	11.1	12.6	14.2	15.8
0.3	5.7	7.6	9.5	11.4	13.3	15.2	17.1	19.0
0.35	6.6	8.8	11.1	13.3	15.5	17.7	19.9	22.1
0.4	7.6	10.1	12.6	15.2	17.7	20.2	22.7	25.3
0.45	8.5	11.4	14.2	17.1	19.9	22.7	25.6	28.4
0.5	9.5	12.6	15.8	19.0	22.1	25.3	28.4	31.6
The weight mentioned is subject to tolerance of + / - 10%								

ALSO AVAILABLE IN IS: 513 CR1 & CR2 GRADE

COLD ROLLED SHEETS

AS PER ISI SPECIFICATION IS: 513 - 2016			
WEIGHT PER METER (KG)			
Thickness (mm)	900	1000	1250
0.40	2.8	3.1	3.9
0.60	4.2	4.7	5.9
0.80	5.7	6.3	7.9
1.00	7.1	7.9	9.8
1.20	8.5	9.4	11.8
1.50	10.6	11.8	14.7
2.00	14.1	15.7	19.6
2.20	15.5	17.3	21.6
2.50	17.7	19.6	24.5
2.90	20.5	22.8	28.5
The weight mentioned is subject to tolerance of + / - 10%			

ALSO AVAILABLE IN IS: 513 CR1 & CR2 GRADE

HOT ROLLED STEEL SHEET & PLATES

AS PER ISI SPECIFICATION IS: 2026 -2006					
WEIGHT PER METER (KG)					
Thickness (mm)	900	1250	1500	2000	2500
1.6	11.3	15.7	-	-	-
2	14.1	19.6	-	-	-
2.5	17.7	24.5	-	-	-
3	21.2	29.4	-	-	-
3.5	24.7	34.3	-	-	-
4	28.3	39.3	-	-	-
5	35.3	49.1	58.9	-	-
6	42.4	58.9	70.7	-	-
8	-	78.5	94.2	125.6	157.0
10	-	98.1	117.8	157.0	196.3
12	-	117.8	141.3	188.4	235.5
16	-	157.0	188.4	251.2	314.0
20	-	196.3	235.5	314.0	392.5
25	-	245.3	294.4	392.5	490.6
30	-	294.4	353.3	471.0	588.8
32	-	314.0	376.8	502.4	628.0
40	-	392.5	471.0	628.0	785.0
45	-	441.6	529.9	706.5	883.1
50	-	490.6	588.8	785.0	981.3
The weight mentioned is subject to tolerance of + /-10%					

ALSO AVAILABLE IN IS 2062: E250/E350/E410/ E450/E550/E600/E650

M.S. BLACK & G.I. PIPES

CONFORMING TO IS: 1239 (PART-) 2004 & IS: 1161: 1998							
Nominal Bore (mm)	Class	OD (mm)	Thickness (mm)	Weight for Black Pipe		Weight for GI Pipes-ss	
				Kg / m	mtr / ton	Kg / m	mtr / ton
15	LIGHT MEDIUM HEAVY	21.0 - 21.4	2.0	0.95	1056	0.96	1042
		21.0 - 21.8	2.6	1.21	826	1.22	820
		21.0 - 21.8	3.2	1.44	694	1.45	690
20	LIGHT MEDIUM HEAVY	26.4 - 26.9	2.3	1.38	725	1.39	719
		26.5 - 27.3	2.6	1.56	641	1.57	637
		26.5 - 27.3	3.2	1.87	535	1.88	532
25	LIGHT MEDIUM HEAVY	33.2 - 33.8	2.6	1.98	505	2.00	500
		33.3 - 34.2	3.2	2.41	415	2.43	412
		33.3 - 34.2	4.0	2.93	341	2.95	339
32	LIGHT MEDIUM HEAVY	41.9 - 42.5	2.6	2.54	394	2.57	389
		42.0 - 42.9	3.2	3.1	323	3.13	319
		42.0 - 42.9	4.0	3.79	264	3.82	262
40	LIGHT MEDIUM HEAVY	47.8 - 48.4	2.9	3.23	310	3.27	306
		47.8 - 48.8	3.2	3.56	281	3.6	278
		47.9 - 48.8	4.0	4.37	229	4.41	227
50	LIGHT MEDIUM HEAVY	59.6 - 60.2	2.9	4.08	245	4.15	241
		59.7 - 60.8	3.6	5.03	199	5.1	196
		59.7 - 60.8	4.5	6.19	162	6.26	160
65	LIGHT MEDIUM HEAVY	75.2 - 76.0	3.2	5.71	175	5.83	172
		75.3 - 76.6	3.6	6.42	156	6.54	153
		75.3 - 76.6	4.5	7.93	126	8.05	124
80	LIGHT MEDIUM HEAVY	87.9 - 88.7	3.2	6.72	149	6.89	145
		88.0 - 89.5	4.0	8.36	120	8.53	117
		88.0 - 89.5	4.8	9.9	101	10.1	99
100	LIGHT MEDIUM HEAVY	113.0 - 113.9	3.6	9.75	103	10.00	100
		113.1 - 115	4.5	12.2	82	12.5	80
		113.1 - 115	5.4	14.5	69	14.8	68
125	MEDIUM HEAVY	138.5 - 140.8	4.8	15.90	63	16.40	61
		138.5 - 140.8	5.4	17.9	56	18.4	54
150	MEDIUM HEAVY	163.9 - 166.5	4.8	18.90	53	19.50	51
		163.9 - 166.5	5.4	21.3	47	21.9	46
200	MEDIUM HEAVY	216.9 - 222.1	5.6	29.50	34	N/A	N/A
		216.9 - 222.1	5.9	31.1	32	N/A	N/A
250	HEAVY	270.3 - 275.7	5.9	38.9	26	N/V	N/A
300	HEAVY	320.7 - 327.1	6.3	49.3	20	N/A	N/A

HOT ROLLED ROUND PIPES

WEIGHT IN KG PER METER CHART																	
NB (MM)	OD PIPES (MM)	WALL THICKNESS (mm)															
		1	1.2	1.4	1.6	1.8	2	2.5	2.9	3.2	3.6	4	4.5	4.8	5	5.4	6
15 NB	21.3	0.50	0.59	0.69	0.78	0.87	0.95	1.16	1.32	1.43	-	-	-	-	-	-	-
20 NB	26.9	0.64	0.76	0.88	1.00	1.11	1.23	1.50	1.72	1.87	-	-	-	-	-	-	-
25 NB	33.7	0.81	0.96	1.12	1.27	1.42	1.56	1.92	2.20	2.41	2.67	2.93	-	-	-	-	-
32 NB	42.4	1.02	1.22	1.42	1.61	1.80	1.99	2.46	2.82	3.09	3.44	3.79	-	-	-	-	-
40 NB	48.3	1.17	1.39	1.62	1.84	2.06	2.28	2.82	3.25	3.56	3.97	4.37	-	-	-	-	-
50 NB	60.3	1.46	1.75	2.03	2.32	2.60	2.88	3.56	4.10	4.51	5.03	5.55	6.19	6.57	6.82	-	-
65 NB	76.1	-	-	-	2.94	3.30	3.65	4.54	5.23	5.75	6.44	7.11	7.95	8.44	8.77	-	-
80 NB	88.2	-	-	-	3.42	3.84	4.25	5.28	6.10	6.71	7.51	8.31	9.29	9.87	10.26	11.03	12.16
	101.6	-	-	-	3.95	4.43	4.91	6.11	7.06	7.76	8.70	9.63	10.78	11.46	11.91	12.81	14.14
100 NB	114.2	-	-	-	4.44	4.99	5.53	6.89	7.96	8.76	9.82	10.87	12.17	12.95	13.46	14.49	16.01
125 NB	139.7	-	-	-	5.45	6.12	6.79	8.46	9.78	10.77	12.08	13.39	15.00	15.97	16.61	17.88	19.78
150 NB	165.1	-	-	-	6.45	7.25	8.04	10.02	11.60	12.78	14.34	15.89	17.82	18.97	19.74	21.27	23.54
165 NB	173.0	-	-	-	6.76	7.60	8.43	10.51	12.16	13.40	15.04	16.67	18.70	19.91	20.71	22.32	24.71
175 NB	193.7	-	-	-	-	-	9.45	11.79	13.64	15.03	16.88	18.71	21.00	22.36	23.27	25.07	27.77
200 NB	219.1	-	-	-	-	-	10.71	13.35	15.46	17.04	19.13	21.22	23.81	25.37	26.40	28.46	31.53
250 NB	273.0	-	-	-	-	-	-	-	19.32	21.29	23.92	28.53	29.80	31.75	33.04	35.63	39.51
300 NB	323.9	-	-	-	-	-	-	-	22.96	25.31	28.43	31.55	35.44	37.77	39.32	42.41	47.04

SQUARE HOLLOW SECTIONS

DIMENSIONS AND PROPERTIES OF SHS AS PER IS : 4923						
SHS DXB	Thickness	Sec Area	Unit Wt	Elastic Modulus		Oter Surface
(mm)	t	A	w	zxx	zyy	Area Per m
	(mm)	cm2	kg/m	cm3	cm3	m2
25 x 25	1.6	1.43	1.12	1.02	1.02	0.09
	2	1.74	1.36	1.19	1.19	0.09
	2.6	2.16	1.69	1.38	1.38	0.09
	3.2	2.53	1.98	1.51	1.51	0.08
32 x 32	2.0	2.3	1.8	2.10	2.10	0.12
	2.6	2.88	2.26	2.51	2.51	0.12
	3.2	3.42	2.69	2.84	2.84	0.11
38 x 38	2	2.78	2.18	3.10	3.10	0.15
	2.6	3.72	2.92	3.76	3.76	0.14
	3.2	4.45	3.49	4.30	4.30	0.14
	4.0	5.35	4.2	4.87	4.87	
49.5 x 49.5	2.6	4.70	3.69	6.83	6.83	0.19
	2.9	5.19	4.07	7.42	7.42	0.18
	3.6	6.28	4.93	8.66	8.66	0.18
	4.5	7.58	5.95	9.96	9.96	0.18
60 x 60	2.6	5.80	4.55	10.44	10.44	0.23
	2.9	6.41	5.03	11.40	11.40	0.23
	3.2	7.01	5.50	12.31	12.31	0.22
	4.0	8.55	6.71	14.52	14.52	0.22
	4.8	10.01	7.85	16.41	16.41	0.22
72 x 72	3.2	8.45	6.71	18.42	18.42	0.27
	4	10.47	8.22	21.95	21.95	0.27
	4.8	12.31	9.66	25.09	25.09	0.26
80 x 80	3.2	9.57	7.51	23.18	23.18	0.30
	4.0	11.75	9.22	27.76	27.76	0.30
	4.8	13.85	10.87	31.89	31.89	0.30

*MS SQUARE HOLLOW SECTIONS ARE ALSO AVAILABLE IN THICKNESSES APART FROM THE ONE MENTIONED ABOVE.

DIMENSIONS AND PROPERTIES OF SHS AS PER IS : 4923						
SHS DXB	Thickness	Sec Area	Unit Wt	Elastic Modulus		Oter Surface
(mm)	t	A	w	zxx	zyy	Area Per m
	(mm)	cm2	kg/m	cm3	cm3	m2
91.5 x 91.5	3.6	12.32	9.67	34.21	34.21	0.35
	4.5	15.4	11.88	41.00	41.00	0.34
	5.4	17.85	14.01	47.14	47.14	0.34
100 x 100	4.0	14.95	11.73	-	-	-
	5.0	18.36	14.41	-	-	-
	6.0	21.63	16.98	-	-	-
113.5 x 113.5	4.8	20.28	15.92	69.30	69.30	0.43
	5.4	22.60	17.74	76.23	76.23	0.43
132 x 132	4.8	23.83	16.71	96.12	96.12	0.50
	5.4	26.59	20.88	106.08	106.08	0.50
150 x 150	4.0	22.95	18.01	107.71	107.71	0.58
	5.0	28.36	22.26	130.95	130.95	0.57
	6.0	33.63	26.40	152.70	152.70	0.57
	7.0	38.78	30.44	173.26	173.26	0.56
	8.0	43.79	44.38	192.40	192.40	0.56
180 x 180	4.0	27.75	21.78	157.97	157.97	0.70
	5.0	40.83	26.97	192.99	192.99	0.69
	6.0	43.36	32.05	226.28	226.28	0.69
	7.0	47.18	33.03	257.89	257.89	0.68
	8.0	53.39	41.91	287.86	287.86	0.68
220 x 220	4.0	34.15	26.61	239.92	239.92	0.86
	5.0	42.36	33.25	294.37	294.37	0.85
	6.0	50.43	39.59	346.67	346.67	0.85
	7.0	58.38	45.83	396.67	396.67	0.84
	8.0	66.19	51.96	445.00	445.00	0.84
250 x 250	4.0	38.95	30.57	312.58	312.58	0.98
	5.0	48.36	37.96	384.40	384.40	0.97
	6.0	57.63	45.24	453.76	453.76	0.97
	7.0	66.78	52.42	520.70	520.70	0.96
	8.0	75.79	59.50	585.25	585.25	0.96

TOLERANCE	
1. THICKNESS :	+ - 10%
2. Outside Dimensions of Sides :	+ - 1MM
3. Weight on Individual Lengths :	+ 10% - 8%
GRADE : YST 210, 240, 310, 350	

RECTANGULAR HOLLOW SECTIONS

DIMENSIONS AND PROPERTIES OF RHS AS PER IS : 4923						
RHS DXB	Thickness	Sec Area	Unit Wt	Elastic Modulus	Outer Surface	
(mm)	t	A	W	zxx	zyy	Area Per m
	(mm)	cm2	kg/m	cm3	cm3	m2
50 x 25	2.0	2.74	2.15	3.35	2.25	0.14
	2.6	3.46	2.71	4.06	2.69	0.14
	3.2	4.13	3.24	4.35	3.04	0.13
	4.0	4.95	3.88	5.25	3.38	0.13
60 x 40	2.6	4.76	3.75	7.59	6.05	0.19
	2.9	5.25	4.12	8.25	6.56	0.19
	3.6	6.35	4.98	9.63	7.62	0.18
	4.5	7.67	6.02	11.10	8.72	0.18
66 x 33	2.6	4.70	3.69	7.62	5.11	0.19
	2.9	5.19	4.07	8.28	5.53	0.19
	3.6	6.28	4.93	9.66	6.37	0.18
	4.5	7.58	5.95	11.10	7.23	0.18
80 x 40	2.6	5.80	4.55	11.65	7.87	0.23
	2.9	6.41	5.03	12.72	8.56	0.23
	3.2	7.01	5.50	13.74	9.21	0.22
	4.0	8.55	6.71	16.20	10.74	0.22
96 x 48	4.8	10.01	7.85	18.30	12.02	0.22
	3.2	8.54	6.71	20.54	13.87	0.27
	4.0	10.47	8.22	24.49	16.38	0.27
	4.8	12.31	9.66	27.99	18.56	0.26
122 x 61	3.6	12.32	9.67	38.13	25.84	0.35
	4.5	15.14	11.88	45.73	30.75	0.34
	5.4	17.85	14.01	52.60	35.09	0.34
145 x 82	4.8	20.28	15.92	76.57	55.73	0.43
	5.4	22.60	17.74	84.26	61.12	0.43
172 x 92	4.8	23.83	18.71	106.64	75.41	0.50
	5.4	26.59	20.88	117.73	82.99	0.50
200 x 100	4.0	22.95	18.01	119.97	82.16	0.58
	5.0	28.36	22.26	145.93	99.39	0.57
	6.0	33.63	26.40	170.33	115.38	0.57
	7.0	38.78	30.44	193.22	130.19	0.56
	8.0	43.79	34.38	214.62	143.84	0.56
240 x 120	4.0	27.75	21.78	175.89	120.89	0.70
	5.0	34.36	26.97	214.97	147.08	0.69
	6.0	40.83	32.05	252.16	171.74	0.69
	7.0	47.18	37.03	287.49	194.92	0.68
	8.0	53.39	41.91	320.99	216.66	0.68
	9.0	59.47	46.69	352.69	237.00	0.67
300 x 150	10.0	65.42	51.36	382.63	255.99	0.67
	4.0	34.95	27.43	279.78	192.99	0.88
	5.0	43.36	34.03	343.54	236.12	0.87
	6.0	51.63	40.53	404.90	277.28	0.87
	7.0	59.78	46.93	463.89	316.52	0.86
	8.0	67.79	53.22	520.53	353.88	0.86
	9.0	75.67	59.40	574.87	389.42	0.85
	10.0	83.42	65.49	626.93	423.16	0.85

*MS SQUARE HOLLOW SECTIONS ARE ALSO AVAILABLE IN THICKNESSES APART FROM THE ONE MENTIONED ABOVE.

HOT ROLLED SECTIONS (RHS / SHS)

TOLERANCE	
1. THICKNESS :	+ - 10%
2. Outside Dimensions of Sides :	+ - 1MM
3. Weight on Individual Lengths :	+ 10% - 8%
GRADE :	YST 210, 240, 310, 350

WEIGHT IN KG PER METER CHART															
WALL THICKNESS (MM)															
SIZE - SQUARE	SIZE - RECTANGLE	1.2	1.6	1.8	2	2.5	2.9	3.2	3.6	4	4.5	4.8	5	5.4	6
15 x 15		0.53	0.69	0.77	0.84	1.02	1.16	1.25	-	-	-	-	-	-	-
19 x 19		0.68	0.89	0.99	1.09	1.33	1.52	1.65	-	-	-	-	-	-	-
25 x 25		0.91	1.19	1.33	1.47	1.81	2.07	2.26	2.50	2.74	-	-	-	-	-
32 x 32		1.17	1.54	1.72	1.90	2.35	2.70	2.95	32.28	3.61	-	-	-	-	-
38 x 38	50 x 25	1.39	1.84	2.06	2.28	2.82	3.25	3.56	3.97	4.37	-	-	-	-	-
49.5 x 49.5	60 x 40,66 x 33	1.83	2.42	2.71	3.00	3.72	4.29	4.71	5.26	5.81	6.48	6.88	7.14	-	-
60 x 60	80 x 40	2.22	2.94	3.30	3.66	4.54	5.24	5.76	6.45	7.12	7.96	8.45	8.78	-	-
72 x 72	96 x 48	-	3.54	3.98	4.41	5.48	6.33	6.96	7.79	8.62	9.64	10.25	10.65	11.45	12.64
80 x 80		-	-	-	4.91	6.11	7.06	7.76	8.70	9.63	10.78	11.46	11.91	12.81	14.14
91.5 x 91.5	122 x 61	-	-	-	5.63	7.01	8.10	8.92	10.00	11.07	12.40	13.19	13.71	14.75	16.31
100 x 100		-	-	-	6.17	7.68	8.87	9.77	10.95	12.13	13.59	14.46	15.04	16.19	17.90
113.5 x 113.5	145 x 82	-	-	-	7.01	10.18	11.78	12.97	14.56	16.14	18.10	19.27	20.05	21.60	23.91
150 x 150	200 x 100	-	-	-	9.30	11.59	13.42	14.78	16.59	18.40	20.64	21.98	22.87	24.65	27.30
180 x 180	240 x 120	-	-	-	11.18	13.94	16.14	17.79	19.97	22.15	24.87	26.49	27.57	29.72	32.94

GRADE: YST 210/240/310 ISI SPECS: ISI - 4293 FOR HOLLOW SECTIONS

COLD ROLLED PIPES AND SECTIONS (SHS /SRHS)

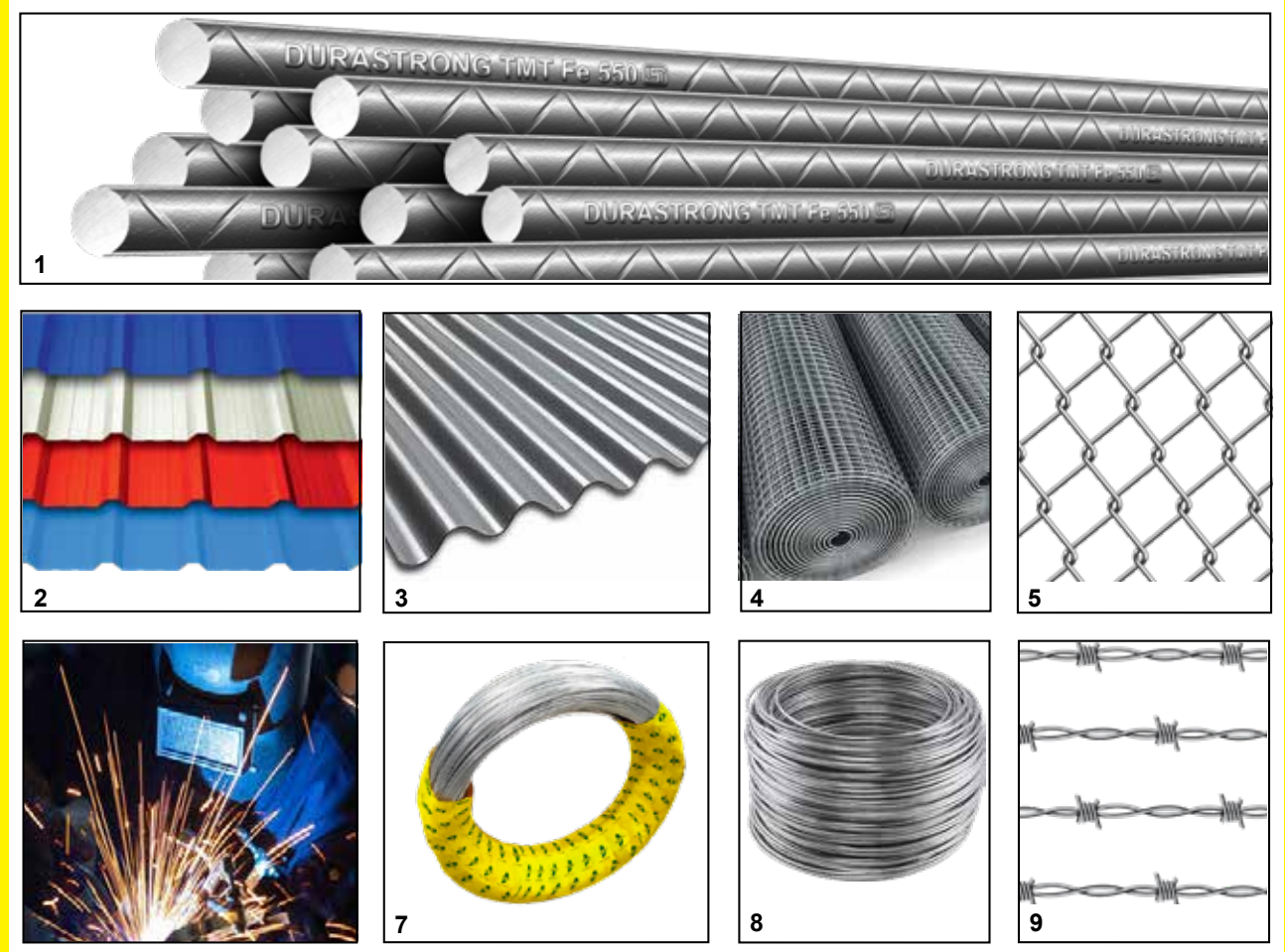
WEIGHT IN KG PER METER									
SIZE SQUARE	SIZE - RECTANGLE	OD PIPES (MM)	WALL THICKNESS (MM)						
			0.60	0.80	1.00	1.20	1.60	1.80	2.00
		12.7	0.18	0.23	0.29	0.34	0.44	0.48	0.53
12 x 12		15.9	0.23	0.30	0.37	0.43	0.56	0.62	0.68
15 x 15		19.1	0.27	0.36	0.45	0.53	0.69	0.77	0.84
20 x 20		25.4	0.37	0.49	0.60	0.72	0.94	1.05	1.15
25 x 25	30 x 30	31.8	0.46	0.61	0.76	0.90	1.19	1.33	1.47
30 x 30	40 x 40	38.1	0.55	0.74	0.91	1.09	1.44	1.61	1.78
38 x 38	50 x 25	48.3		0.94	1.17	1.39	1.84	2.06	2.28
40 x 40	50 x 50	50.8		0.99	1.23	1.47	1.94	2.18	2.41
50 x 50	60 x 40 / 75 x 25	63.5		1.24	1.54	1.84	2.44	2.74	3.03
60 x 60	80 x 40	76.2		1.49	1.85	2.22	2.94	3.30	3.66
72 x 72	96 x 48	91.4		1.79	2.23	2.67	3.54	3.98	4.41
75 x 75	100 x 50	95.3		1.86	2.32	2.78	3.70	4.15	4.60

ISI SPECS: ISI 3601

DURASTRONG™

RANGE OF PRODUCTS

At **SHRI LAKSHMI STEEL SUPPLIERS**, we understand that our customers expect the best. That's why we created Durastrong—to offer top-quality products at great prices. Each DURASTRONG product is made with the latest technology and careful attention to detail, ensuring you get excellent performance and reliability. Discover the difference with Durastrong, where innovation meets outstanding quality and a lifetime of happiness.





Durastrong Fe **550** with **Z RIB** represents the perfect blend of cutting-edge technology and manufacturing expertise. Our **TMT** bars are engineered to deliver optimal savings while maintaining the highest quality standards for your structures.

SPECIFICATIONS: WEIGHT CHART IN KG

DIMENSION (mm)	MINIMUM WEIGHT PER METRE	MAXIMUM WEIGHT PER METRE	NO OF PIECES PER BUNDLE	BUNDLE LENGTH (FEET)	BUNDLE WEIGHT
8mm	0.360	0.370	10	40	44.0 to 45.0Kgs
10mm	0.562	0.580	7	40	48.0 to 49.0Kgs
12mm	0.836	0.853	5	40	51.0 to 52.0Kgs
16mm	1.504	1.531	3	40	55.0 to 56.0Kgs
20mm	2.358	2.399	2	40	57.5 to 58.5Kgs
25mm	3.780	3.830	1	40	46.0 to 47.5 kgs
32mm	6.250	6.330	1	40	75.0 to 76.0 kgs

KEY FEATURES

- ▶ State of the art Z RIB technology
- ▶ Excellent bonding with concrete
- ▶ Earthquake, fire & corrosion resistant
- ▶ Manufactured as per IS:1786 standard

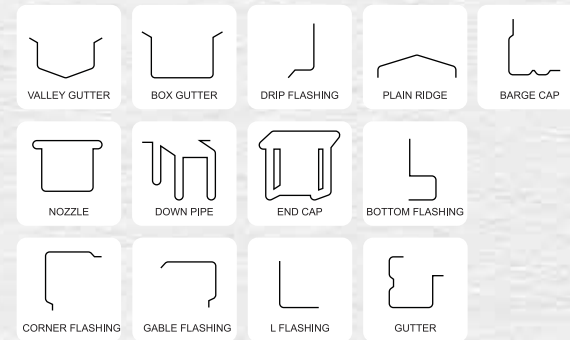




AVAILABLE COLOURS:



STANDARD ACCESSORIES:



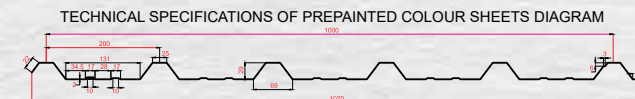
TECHNICAL SPECIFICATIONS OF PREPAINTED COLOUR SHEETS	
SPECS	DURASTRONG
Type	Ppgi / Ppgl
Profile Width (Mm)	1070
Length	As Per Customer Request
Pitch	200 Mm
Crest Height	29mm
Crest Width	69mm
Thickness (Mm)	0.30 Mm To 0.50mm
Zinc In Gsm	50-70
Al%	-
Topcoat In Microns	15-20
Bottom Coat In Microns	10-12
Gloss 60 Deg.	45-60
Yield Strength Mpa (Min)	550
Top Pencil Hardness	2h
T Bend Test	2t
Salt Spray Test (Corrosion Test)	350 hrs - 500 hrs

Specification mentioned above are only indicative and can change from Lot to Lot

PITCH-200 ► CREST HEIGH-29 ► CREST WIDTH- 69 ► SUPPLY WIDTH-1070

KEY FEATURES

- 550 MPA grade
- High grade paint for longer life
- Easy installation
- All weather protection
- Leak proof

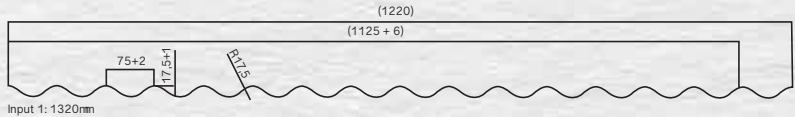
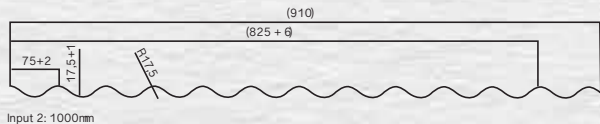
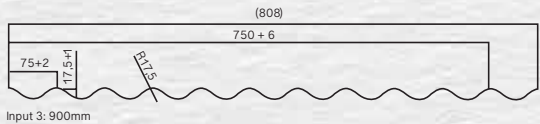


DURASTRONG™ GALVANIZED CORRUGATED SHEET



Our **Galvanized Corrugated Sheets** feature a linear corrugated pattern with a zinc coating. Available in a range of thicknesses from **0.20 mm** to **0.50 mm** and widths of **825 mm**, **900 mm**, and **1220 mm**, they are designed to meet your project requirements. Additionally, we offer customization options to suit specific customer needs.

SPECIFICATIONS	
Length	8' to 20'
Width	825 mm / 910 mm / 1220 mm
Pitch	75 mm
Crest Height	17.5 mm
Crest Width	60 mm
Zinc in GSM	90 - 120 GSM
UTS	630 - 640 Mpa
Yield Strength	620 - 630 Mpa



KEY FEATURES

- ▶ Uniform corrugation results in perfect overlapping
- ▶ High tensile strength
- ▶ Superior Zinc coating helps to resist all kinds of natural weathering forces
- ▶ Manufactured using best in class raw materials

DURASTRONG™

MS & GI WELDED WIRE MESH

MANUFACTURED USING
VIZAG WIRE ROD

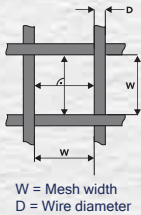


KEY FEATURES

- ▶ Low carbon ensures strong welding
- ▶ Soft wire assures easy workability
- ▶ Uniform spacing of wires

SPECIFICATIONS:

- ▶ Width - **3** feet to **6** feet
- ▶ Length - upto **50** feet
- ▶ Wire diameter - **2.2** mm to **4** mm
- ▶ Mesh size - **25** mm x **25** mm to **100** mm x **100** mm



SIZE & WEIGHT CHART					
Mesh Size (mm)	Wire Dia	Weight = Kg/roll			
		3 Feet	4 Feet	5 Feet	6 Feet
25 mm x 25 mm	2.2	31.3	41.7	52.3	60.7
	2.4	37.0	49.2	61.8	74.1
	2.8	49.7	66.0	83.0	99.3
	3.0	56.6	75.3	94.6	113.2
32 mm x 32 mm	2.2	24.9	33.1	41.6	49.9
	2.4	29.5	39.2	49.3	59.0
	2.8	39.7	52.8	66.3	79.4
	3.0	45.3	60.2	75.6	90.6
50 mm x 50 mm	2.20	15	22	27	33
	2.40	18	26	33	39
	2.80	25	35	44	53
	3.00	29	41	51	61
Note*	The actual Weight/Length can vary by +/- 10%				
	Weight Calculated on 50 Feet Roll				



Durastrong uses industries best technology to manufacture GI chain link. Firm quality checks on numerous parameters assure the best quality product.

KEY FEATURES

- ▶ Good quality galvanizing for higher durability
- ▶ Raw material drawn from high quality Wire Rod
- ▶ Perfect interlocking mechanism at the end strand of Wire
- ▶ Superior strength Wire protects the chainlink from breakage

SPECIFICATIONS

- ▶ Width - **3** feet to **8** feet
- ▶ Length - upto **50** feet
- ▶ Wire diameter - **2.4** mm to **4.0** mm
- ▶ Pitch - **50** mm x **50** mm to **100** mm x **100** mm

CHAIN LINK WEIGHT CHART 50 FEET							
Thickness (mm)	Feet	Weight in Kg					
		Pitch 50x50	Pitch 55x55	Pitch 60x60	Pitch 65x65	Pitch 75x75	Pitch 100x100
2.40 mm	3	24	22	20	19	16	12
	4	32	29	27	25	22	16
	5	40	37	34	31	27	20
	6	48	44	40	37	32	24
	7	56	51	47	43	38	28
	8	64	59	54	50	43	32
2.80 mm	3	30	28	25	23	20	15
	4	40	37	34	31	27	20
	5	51	46	42	38	34	25
	6	61	55	51	45	41	30
	7	71	64	59	54	47	35
	8	81	74	67	59	54	40
3.15 mm	3	38	35	32	30	26	19
	4	51	47	43	40	35	26
	5	64	58	53	50	43	32
	6	77	70	64	60	51	38
	7	90	81	75	69	60	45
	8	102	93	85	79	68	51
4.00 mm	3	60	56	52	45	38	31
	4	80	75	69	60	50	41
	5	100	94	86	75	63	52
	6	120	113	103	90	76	62
	7	135	131	120	105	88	72
	8	150	150	138	120	101	83
Note:		Depending upon Wire tolerance weight varies from + 10%					

DURASTRONG™

MILD STEEL WELDING ELECTRODES



★ ISO 9001-2015 COMPANY ★

E-6013 (12 SWG) WELDING ELECTRODES



Durastrong **E6013** welding electrodes, **ISI** certified for quality, are versatile and ideal for a wide range of fabrications and general engineering applications. They excel in demanding fields such as shipbuilding & wagon manufacturing. Known for their excellent mechanical properties and high deposition rate, these electrodes work seamlessly with both **AC** and **DC** power sources and deliver reliable performance even with low **O.C.V** transformers.

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SPECIFICATIONS: MANUFACTURED AS PER E 6013 STANDARDS				
SIZE	PKT	BOX	WEIGHT PER BOX* (250 gms Tolerance)	CURRENT RANGE IN AMPS
2.50 x 350 mm	135 pcs	1080 pcs	20.0 kgs	60 - 90
3.15 x 350 mm	85 pcs	680 pcs	19.2 Kgs	100 - 130
3.15 x 350 mm	90 pcs	720 pcs	20.0 Kgs	100 - 130
4.00 x 450 mm	60 pcs	480 pcs	28.0 Kgs	140 - 180

CLASSIFICATION

Conforming to AWS - E 6013
(American Welding Standard Electrode)
Mica basics with 50% rutile

KEY FEATURES

- ▶ ISI Certified welding electrodes
- ▶ Usage of KMML / IRE (Rutile)
- ▶ Right mix of rutile quote for strong welding
- ▶ Emits low smoke, easy on eyes and skin
- ▶ Produces smooth and stable arc, which is easy to strike and restrike
- ▶ Our welding electrode shows excellent characteristics such as resistance to oxidation and cracking
- ▶ Value for money as it last longer than other electrodes

DURASTRONG™ MS BINDING WIRE



Durastrong **MS Binding Wire** is crafted from premium raw materials to ensure top-notch quality. Our wire is soft, flexible, and uniform in diameter, offering high strength and reduced rusting for reliable performance.

SPECIFICATIONS	
Wire type	MS Binding Wire
Wire Dia	0.90 mm / 1.25 mm (20guage / 18guage)
Wire Tol	+/- 0.05 mm
Coil Dia	400 mm
Coil Wt	25 kgs / Bundle
Surface Condition	Grey & Smooth
Elongation	15 - 25%
Yield strength	210 - 240 N/mm2
Tensile strength	350 - 430 N/mm2

KEY FEATURES

- ▶ Unmatched combination of ductility & strength ▶ Higher length per kg results in maximum savings
- ▶ Good quality HDPE packaging make it secure, tamper-proof and moisture resistant.

DURASTRONG™ GI WIRE



Durastrong **GI wire** is uniformly sized throughout its entire length, ensuring consistent quality. Each wire is manufactured with a uniform zinc coating of the highest industry standards. Durastrong **GI wire** features a superior **GSM zinc** coating, setting it apart as the best in the industry. This enhanced **zinc** coating provides exceptional corrosion resistance, ensuring a longer lifespan for the product.

SPECIFICATIONS	
WIRE TYPE	Hot Dip GI Wire
Wire Dia	0.80 mm to 4.00 mm (22guage to 8guage)
UTS / Hardness	30 to 55 kg / mm2 (Soft Material)
Coating GSM	35 to 45 gsm
Wire Tol	+/- 0.05 mm
Coil Dia	300 mm to 600 mm
Coil wt	25 kgs to 80 kgs
Surface Condition	Galvanized, Smooth & Bright

KEY FEATURES

► Unmatched combination of ductility & strength ► Higher length per kg and thus can tie more number of joints ► Breakage-free tying, hence less wastage and saves time ► Anti-moisture packaging makes it secure, which ensures longer rust proof shelf life

DURASTRONGTM

BARBED FENCING WIRE

Secubarb

XTRA STRONG



Durastrong **Barbed Fencing Wire** features exceptionally high tensile strength, making it resistant to cutting. Our heavy-galvanized wires are highly durable and withstand various environmental conditions. With superior quality and a robust zinc coating, they offer enhanced strength and rust resistance. The double-twisted wire, equipped with sharp barbs at consistent intervals, is intertwined with ties and knots for added strength, ensuring long-lasting performance and reliability.

SIZE & WEIGHT CHART		
Wire Gauge & Size	Length (Ft)	Weight (Kg) + 1kg
12 x 12 (2.4 mm)	750	32
13 x 13 (2.2 mm)	1000	33
14 x 14 (2.0 mm)	1000	27

SPECIFICATIONS	
Tensile strength	550 N/mm2
Elongation	25-25%

- KEY FEATURES
- ▶ Corrosion resistant
 - ▶ Superior sharp barbs
 - ▶ Durable
 - ▶ Easy to install
 - ▶ Requires minimum maintenance

BRANCHES

HUBLI

No. 736/1, P.B, Highway Road Noolvi Cross, Balegalli Road, Hubali - 580029, Karnataka, India. -----1

MANGALURU

410, New Mangalore, Industrial Area, Baikampady, Mangalore - 575011, Karnataka, India.-----2

MYSORE

No.258, Koorgalli, Kiadb, Hebbal Industrial Area, Mysuru - 570018, Karnataka, India.-----3

HOSPET

78A, 2C & 78A, 2D, NH-13, Mariyammanahalli, Hospet Tq. Bellary Dist, Hospet - 583222, Karnataka, India.-----4

RANIPET

Plot No 5, Sipcot Industrial Complex, (PEB Industrial Area), Ranipet - 632403, Tamil Nadu, India.-----5

MADURAI

Bs 20 & 21, SIDCO Industrial Estate, Kappalur, Madurai - 625008, Tamil Nadu, India.-----6

TRICHY

E 95 & 96, Trichy - Tanjore Highway, Developed Plot Estate, SIDCO, Thuvakudi, Trichy - 620022, Tamil Nadu, India.-----7

SALEM

1/136-2 panamarathupatty pirivu Road, Gajjalnaickanpatty, Salem, Tamil nadu-636201, Tamil Nadu, India.-----8

HINDUPUR

Plot No. 4-8, & 41-45, APIIC Industrial Growth Centre, Tumkunta Village, Hindupur-515211, Andhra Pradesh, India.-----9

VIJAYAWADA

Hig Duplex 390, Bhavanipuram, Housing Board Colony, Vijayawada - 520012, Andhra Pradesh, India.-----10

CALICUT

204/5-2, Chettipadi Road, Thazhe Chelari, Malappuram 676317.-----11

KARUNAGAPALLY

18/366 C, Near Pulluvilayil Super Market, SV Market Road, Korottumukku, Karunagappally, 690518, Kerala, India.-----12

ADDRESS

SHRI LAKSHMI STEEL SUPPLIERS

702,7th Floor, Pride Hulkul, Lalbagh Road, Bangalore - 560027.

🌐 www.shrilakshmisteel.in ----- ☎ 080-22534700 ----- 🌐 www.durastrong.in