



AUTHORISED DISTRIBUTOR:



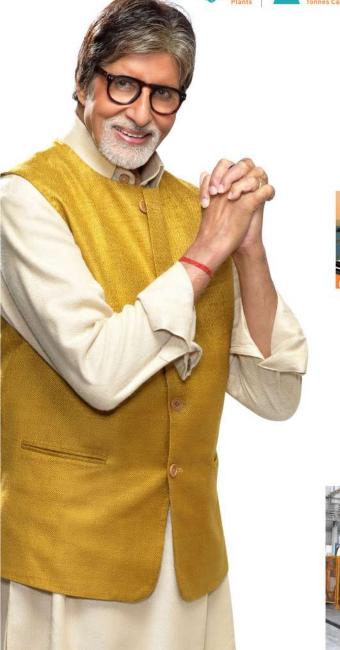
You see us every day. And if you

notice, you'll find us in your

DESH KI ANDEKHI

OUR NETWORK OF INNER STRENGTH

homes, offices, airports, metros, parks & flyovers. This is our **TAQAT** strength. We're APL Apollo, India's largest and most innovative steel pipes manufacturer. Silently but strongly, our unique products and 25.5_{Lakh} solutions are continuously making you and our country stronger.









MADHAV PIPES & TUBES (P) LTD

Think of Steel Tubes, Think of Us!!

ABOUT THE COMPANY



Mr.Kamlesh Khandelwal, with an experience of over five decades since 1975 set up Madhav Pipes & Tubes Pvt Ltd, in 1999 - 2000 for the production of top quality electrically welded tubes. The Company's strategic planning has been based on long term views, careful financial management, focus on values, and knowledge about the cycle of machine and plant constuction.

The Mission of the company is to satisfy the customers by providing best quality goods at minimum costs by achieving maximum level of production.

Madhav Pipes & Tubes offers a wide range of circular round pipes/MS pipes/GI pipes (13mm OD to 610mm OD). Square (12mmx12mm to 200mmx200mm) and Rectangular tubes(40mmx20mm to 200mmx100mm) in varying thicknesses. Customization in terms of length, packing, de-burring and fin removing is provided to help suit customer needs. Best quality and service is our forte.

Product range also includes ready stocks of MS Flats, MS Angles (ISA), MS Channels (ISMC), MS Beams(ISMB), MS Plates, corrugated strips for shutter lath, guide channel, bottom plates, door frames and colour coated roofing sheets in different dimensions.

C Purlin and Z Purlin of depth upto 250mm are also made to order.

ROUND, SQUARE & RECTANGLE STEEL HOLLOW SECTIONS: (MS PIPES/ GI PIPES/ SEAMLESS PIPES)

Steel hollow sections with high yield strength are the most versatile and efficient form for construction and mechanical applications. Many of the strongest and most impressive structures in the world today would not have been possible without hollow sections. The benefits of choosing Madhav Pipes & Tubes Steel Hollow sections over other brands are-

- Manufactured from world class Hot Rolled Coils Smooth profile and less exposed surface acts as formidable barrier to rust
- Lesser painting and maintenance cost compared to traditional sections
- Our earthquake resistant structures, the lower dead weight helps in reducing the design loads, thereby reducing the material cost of foundation
- Lower handling cost, transportation cost, overall fabrication and erection cost.

C & Z STEEL PURLIN SECTIONS:

C & Z Steel purlin sections upto depth of 250 base and thickness upto 5mm, with pre punched holes and length being customized. Raw material used in accor dance with IS 2062 and yield strength of 245 345 Mpa.

MS ANGLES, CHANNELS, FLATS & PLATES (HEAVY & LIGHT STEEL):

All kind of MS Angles, Channels, Flats & Plates are available under one roof which makes us "ONE STOP STEEL SHOP".

COLOUR CORRUGATED STEEL SHEETS (ROOFING SHEETS):

Colour Corrugates Steel Sheets used for Roofing: PPG! coated Aliminium Zinc Alloy coated sheets of 120GSM with yield strength of 240, 345 and 550MPa manufactured in thickness from 0.35mm to 1.00mm and a range of colours.

The products are manufactured in modern plants well equipped with cutting-edge in-house testing facilities to ensure superior quality. All products are sold under MPL brand name and stored at strategic points for quick access and effortless despatches to various parts of the country.

HIGHLIGHT FEATURE OF THE BRAND INCLUDES:

- High precision process and equipment reliabilty.
- High productivity and quality control is our moto.
- Precise tube diameter, high surface quality and optimum tube straightness is our USP.
- Tested raw material from prime manufacturers such us JINDAL, TATA, SAIL,

Apart from this extensive range, the company also has the following ongoing projects that increase the products and services being offered:

- Cut to Lenth Imm to 10mm strip thickness x width 1500mm
- 12" Pipes HR Tube Mill are currently in high demand to be used in infrastructure projects.

QUALITY CONTROL:

During production, online visual inspection is also carried out for surface defects, diameter accuracy, quality and weld bead shape.

Required sample rings as per specification are cut to carry out mechanical testing of weld and body e.g. flattening test, bend test etc.

All pipes are then processed in finishing and testing area for pipe end preparation i.e. Facing/Beveling followed by hydrostatic pressure testing as per specification. Individual pipe is then visually inspected for the parameters specified in the specification before

offering to the customer's inspection, if any. Data of all tests is re-verified and submitted to the customers.

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MAJOR APPLICATION OF OUR PRODUCTS:







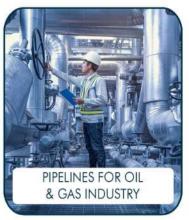






PHOTO GALLERY OF OUR PRODUCTS:



















MADHAV PIPES & TUBES (P) LTD Think of Steel Tubes, Think of Us!!

MS/GI PIPES FOR MECHANICAL & GENERAL PURPOSE IS: 3601/IS:1239/IS1161

Outside Diameter mm 1	Thickness mm 2	Mass mm 3	Outside Diameter mm 1	Thickness mm 2	Mass mm 3	MS Angles Size Thickness	
21.3	1.8 2.0 2.6 3.2	0.866 0.952 1.20 1.43	101.6	3.6 4.0 5.0	8.70 9.63 11.90	W x W	T
26.0	1.8	1.11	114.3	3.2 3.6	8.77 9.83	25 x 25	3 & 4
26.9	2.3 2.6 3.2	1.40 1.56 1.87		4.5 5.4 6.3	12.20 14.50 16.80	40 x 40	3 & 4
33.7	2.0 2.3	1.56 1.78	139.7	3.60 4.00	12.10 13.40		5 & 6
33.7	2.6 3.2 4.0	1.99 2.41 2.93	10717	4.50	15.00	45 x 45	3 & 4 5 & 6
44.4	2.3 2.6	2.27 2.55		5.00 5.40 6.30	17.90 20.70	50 x 50	3 & 4
	3.2 4.0	3.09 3.44 3.79	152.4	4.50 5.00	16.40 18.20	(0) (0)	5 & 6.1
48.3	2.3 2.6	2.61 2.93		5.40 4.50	19.60 17.80	60 x 60	5 & 6 8 & 10
	2.9 3.2 3.6	3.25 3.56 3.97	165.1	5.00 5.40 6.30	19.70 21.20 24.28	75 x 75	5 & 6
	4.0 2.3 2.6	4.37 3.29 3.70		4.00 4.50	16.20 18.20	80 x 80	8 & 10 6 & 8
60.3	2.9 3.2	4.11 4.51 5.03	168.3	5.00 5.40	20.10 21.70	80 X 80	10 & 12
	3.6 4.0 4.5	5.55 6.19		6.30 7.10 8.00	25.20 28.20 31.60	90 x 90	6 & 8
76.1	2.6 2.9 3.2	5.24 5.75 6.44	193.7	5.00 5.40	23.30 25.10	100 x 100	10 & 12 6 & 8
	3.6 4.5	7.11 7.95	173.7	5.90 6.30 8.00	27.30 29.10 36.60	100 x 100	10 & 12
00.0	5.0 2.9 3.2	8.77 6.15 6.76		4.5	23.80	150 x 150	10 & 12
88.9	4.0 5.0 5.4	8.38 10.30 11.10	219.1	5.0 5.6 6.3	26.40 29.50 33.10	200 x 200	15 & 18 12
	5.6	11.50		8.0	41.60	200 X 200	

MADHAV PIPES & TUBES (P) LTD

Think of Steel Tubes, Think of Us!!

RECTANGULAR HOLLOW SECTION FOR STRUCTURAL USE IS: 4923/1997 SQUARE HOLLOW SECTION FOR STRUCTURAL USE IS: 4923/1997

SHS DXB	Thickness T	Unit wt.
mm	mm	mm 3
	2.0	2.15
50x25	2.6	2.71
	3.2 4.0	3.24 3.88
60x40	2.6 2.9	3.73
	3.6	4.12 4.98
	4.5	6.02
66x33	2.6	3.69
COXCC	2.9	4.07
	3.6	4.93
	4.5	5.95
80x40	2.6	4.55
CONTROL SECTION AND ADDRESS OF THE PARTY OF	2.9	5.03
	3.2 4.0	5.50 6.71
	4.8	7.85
	8,0234	10000000
96x48	3.2 4.0	6.71 8.22
	4.8	9.66
	10000000000000000000000000000000000000	
100x50	3.2 4.0	7.01 8.59
	10.7.7.770	
122x61	3.6 4.5	9.67 8.22
	5.4	9.66
100-50	3.2	7.01
100x50	4.0	8.59
100.71	3.6	9.67
122x61	4.5	11.88
	5.4	14.01
120×60	3.2	8.51
	3.6	9.50
	4.5	11.67
145x82	4.8	15.92
	5.4	17.74
172x92	4.8	18.71
	5.4	20.88
200x100	4.0	18.01
	5.0 6.0	22.26 26.40
	7.0	30.44
	8.0	34.38
) seemen	

SHS DXB mm	Thickness T mm	Unit wt. W mm 3
25×25	1.6 2.0 2.6 3.2	1.12 1.36 1.69 1.98
32x32	2.0 2.6 3.2	1.80 2.26 2.69
38x38	2.0 2.6 3.2 4.0	2.18 2.75 3.29 3.95
40x40	2.6 2.9 3.2 4.0	2.92 3.21 3.49 3.95
50x50	2.6 2.9 3.6 4.5	3.74 4.12 4.98 6.02
60x60	2.6 2.9 3.2 4.0 4.8	4.55 5.03 5.50 6.71 7.85
72x72	3.2 4.0 4.8	6.71 6.22 9.66
80x80	3.2 4.0 4.8	7.51 9.22 10.87
91.5x91.5	3.6 4.5 5.4	9.67 11.88 14.01
113.5x113.5	4.8 5.4	15.92 17.74
132x132	4.8 5.4	18.71 20.88
150x150	4.0 5.0 6.0 7.0 8.0	18.01 22.26 26.40 30.44 34.38
180x180	4.0 5.0 6.0 7.0 8.0	21.78 26.97 32.05 37.03 41.91





- * These sizes are under process
- ** Sizes & thickness other than listed above can be supplied on mutual understanding of the manufacturer and buyer

OTHER ALLOWABLE STRESS VALUES (IN MPA)

Street Grade	Max Yeild Stress	Min UTS
Yst 210	210	310
Yst 240	240	410
Yst 310	310	450

Note: Minimum % Elongation : 10% for GR, Yst 310 ^ 15% for GR, Yst 240 & 20% for GR Yst 210

Note: We also manufacture & supply all kind of section in accordance with EN 10219 & ASTMA - 500

Sizes & thickness other than listed above can be

Length 6.0mtr Customised Lenth ranging from 4mtr to 8mtr may also be supplied Thickness: For all sizes: 10.0% TOLERANCE

Outer Dimensions 1% with a minimum of 0.5 mm

Corner Squareness 90 26

End Finish

Corner Radius Maximum, 3 x (thickness of the section)

Weight On Individual lenth: 10%, On lots of MT: 7.5% Straightness: Minimum 1:200th of any length,

Tolerance the measured relative vertical shift of any adjacent corner of the section, measured by keeping one side on the flat surface.

Plain Ended — Mechanically sheared, mill—cut finish, without further machining.

Surface Finish Black without any surface treatment of oiling or vanishing.

Raw Material Sulphur content: 0.05% max, Phosphorus content: 0.05%, Equivalent carbon percentage well within specific weldability

limit with matching physical properties.

Weldability RHS / SHS are weldable with standard M.S. electrode without any preheating.

Packing Bundled by sealing metal strap and each bunched/sticker pasted on all RHS / SHS mark is also put on most of the section

Note RHS / SHS in customized

MADHAV PIPES & TUBES (P) LTD Think of Steel Tubes, Think of Us!!

MILD STEEL CHANNEL

Size	Weight in Kgs Per Feet	Weight in Kgs Per Mtr	
ISMC 75x40	2.176	7.14	
ISMC 100x50	2.914	9.56	
ISMC 125x65	3.993	13.10	
ISMC 150x75	5.121	16.80	
ISMC 175x75	5.975	19.60	
ISMC 200x75	6.798	22.30	
ISMC 250x80	10.426	34.2	
ISMC 300x90	11.067	36.3	
ISMC 400x100	15.274	50.1	

MILD STEEL BEAM

Size	Weight in Kgs Per Feet	Weight in Kgs Per Mtr
ISMB 100x50	2.432	7.979
ISMB 125x70	4.085	13.4
ISMB 150x75	4.573	15.0
ISMB 175x85	5.975	19.6
ISMB 200x100	7.743	25.4
ISMB 250x125	11.371	37.3
ISMB 300x140	14.054	46.1
ISMB 350x140	15.975	52.4
ISMB 400x140	18.780	61.6
ISMB 450x150	22.073	72.4
ISMB 500x180	26.493	86.9
ISMB 600x210	37.500	123.0

Outside Diameter (mm)	Wall Thickness mm	Weight (Plain End)	
		Kg/m	m/Ton
168.3	2.6	10.6	94
	3.2	12	77
	4	16.2	62
	4.5	18.2	55
219.1	2.6	13.9	72
	3.6	19.1	52
	4.5	23.8	42
	6.3	33.1	30
	4.85	11.57	86
	6.3	16.78	60
273	3.6	23.9	42
	4	26.5	38
	5	33	30
	6.3	41.1	24
323.9	4	31.5	31
	4.5	35.4	28
	5.6	44	23
	7.1	55.5	18
355.6	4	34.7	29
	5	43.2	23
	5.6	48.3	21
	8	68.6	15
406.4	4	39.7	25
	5	49.5	20
	6.3	62.2	16
	8.8	86.3	12

ASTM Std. A53 Welded Steel Pipes and Seamless Steel Pipes Available Sizes (Dimensions and Weights)

NPS	Outside Diameter	Wall Thickness	Weight Class	Schedule No 80	Outside Diameter	Wall Thickness	Weight
Designator	mm	mm	Kgs	Nominal size	mm	mm	kg
3 1/2 inches	101.6	5.74	13.57	3 1/2" NPS 90	101.6	8.08	18.63
4 inches	114.3	6.02	16.07	4" NPS 100	114.3	8.56	22.32
5 inches	141.3	6.55	21.77	5" NPS 125	141.3	9.53	30.97
6 inches	168.3	7.11	28.26	6" NPS 150	168.3	10.97	42.56
8 inches	219.1	8.18	42.55	8" NPS 200	219.1	12.7	64.64
10 inches	273.0	9.27	60.31	10" NPS 250	273.0	15.09	96.01
12 inches	323.8	10.31	79.73	12" NPS 300	323.8	17.48	132.08
14 inches	355.6	11.13	94.55	14" NPS 350	355.6	19.05	158.1

MADHAV PIPES & TUBES (P) LTD Think of Steel Tubes, Think of Us!!

GALLERY:













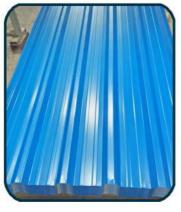




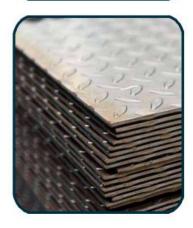














JSW Colouron+ (Aluminium-Zinc Colour Steel Sheets) are Premium roofing sheets from JSW, India's largest producer of colour-coated steel that come with higher strenth, enhanced corrosion resistance and adds a touch of beauty to your structures.

ADVANTAGES



WEATHERPROOF:

Long-lasting protection against extreme weather conditions



STRENGTH:

Lightweight high tensile sheets made from pure steel



VARIETY OF COLOURS:

Available in a wide variety of colours, finishes, glossy levels and textures



SUPERIOR COLOUR COATING:

Colour doesn't fade away, thus giving the roof a long life



EASY TO INSTALL:

One time easy installation and requires a lighter supporting structure



MAINTENANCE FREE:

Requires zero maintenance once installed

Technical Specification

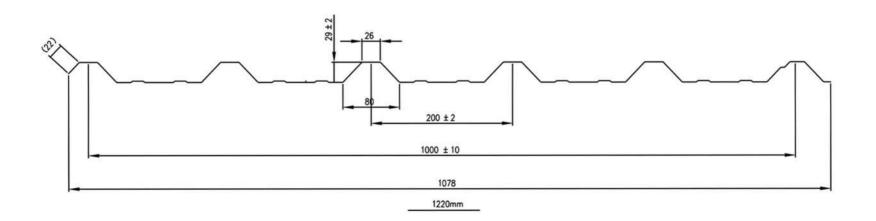
	Pre-painted Galvalum Coated Steel (PPGL)	Pre-painted Galvalum Coated Steel (PPGI)	Bare Galvalum (BGL)
Coating Mass	AZ70 - AZ150	90 – 120gsm	AZ70 - AZ150
Thickness	0.3 – 1.2 mm	0.3 - 0.5 mm	0.3 - 0.5 mm
Paint	Regular Modified Polye	ester (RMP) / Silicon modifi	ed polyester system (SMP)

TRAPEZOIDAL PROFILE

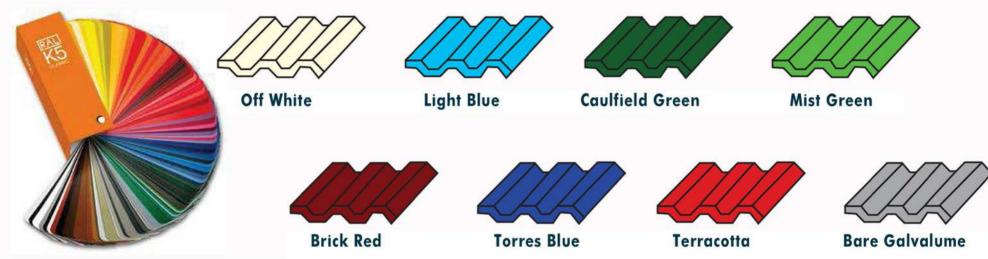
MANGALORE TILED PROFILE











* Any other color subject to minimum quantity

JSW COLOURON

JSW COLOURON 0.50 MM

JSW COLOURON +

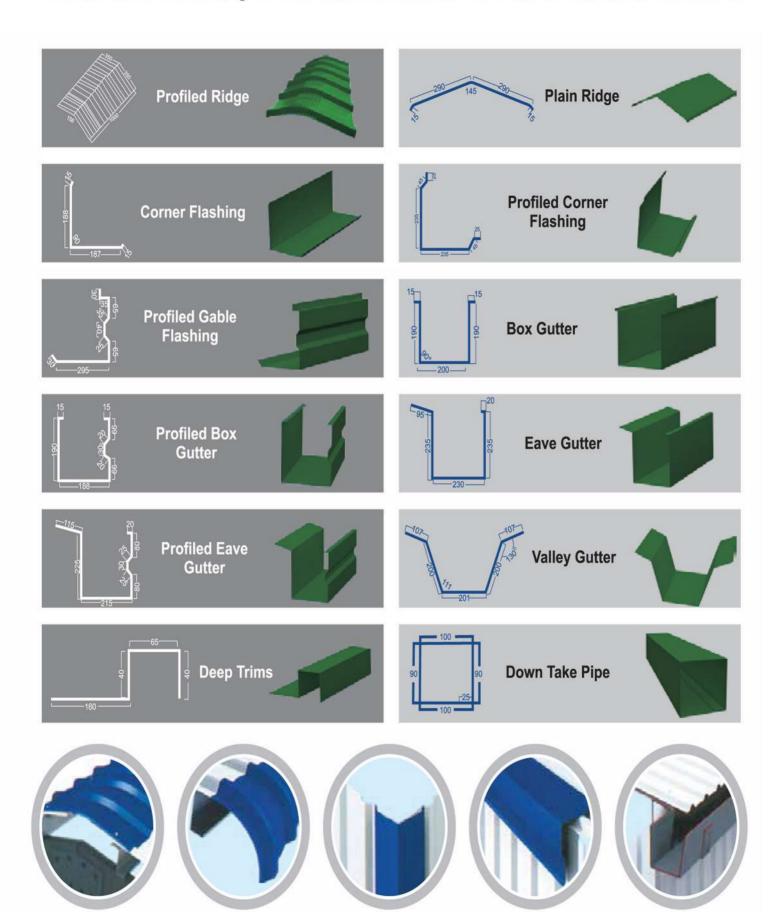
JSW COLOURON + 0.50 MM AL-ZN COATED

JSW COLOURON + (GALVALUME)

JSW COLOURON + 0.50 MM AZ - 150 GALUALUME



ROOFING/FLASHING ACCESSORIES





DESIGNED FOR YOUR DREAMS



MPTPL CLIENTS































Madhav Pipes & Tubes Pvt Ltd Regd. Office: 84/4, Vaidhyanathan Street, Tondiarpet, Chennai — 600 081

Stock Yards:

- 1. Tondiarpet
- 2. Madhavaram
- 3. Manali
- 4. Trichy
- 5. Hyderabad
- 6. Ernakulam

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MPTPL

Nearing 50 Years In Tamilnadu

Website: www.mptplgroup.com