

Leading Manufacturers of **Pre Engineered Buildings** in **CHENNAI**

Dear Sir / Madam,

NMMR - N M Metal Roofing has become one of the leading **Pre - Engineered Steel Buildings and Structural Steel Fabrication Company in the region**, making our manufacturing facilities in **CHENNAI** reach all different parts of the tamilnadu and near by states.

NMMR consists of a fully equipped factory complimented by skilled multinational workforce and modern computerised machinery.

NMMR specializes in **DESIGN, FABRICATION & INSTALLATION** of **Pre - Engineered Steel Buildings & Steel Structures**. In doing business, **NMMR** concentrates on customer's functional and architectural needs and matches them with available engineering and production capabilities, rather than offering standard designs.

In **NMMR**, Release 20.07.04 **STAAD.Pro V8i** structural analysis software used for 3D model generation, analysis & multi material design. Its works according to various Indian and International Code of practice of steel construction.

- ❖ **NMMR Pre - Engineered Steel Buildings**
- ❖ **NMMR Specialized Structural Steel Fabrication**
- ❖ **NMMR Cold Form Section**
 - ✓ **NMMR** Built Up Section (Column & Rafter)
 - ✓ **NMMR** Z & C Purlin Section
 - ✓ **NMMR** Metal Roofing & Cladding Sheet
 - ✓ **NMMR** Polycarbonate Sheet - Clear / Multiwall
 - ✓ **NMMR** Floor Decking Sheet
 - ✓ **NMMR** PUF Panel
 - ✓ **NMMR** Insulation - Air Bubble / XLPE
 - ✓ **NMMR** Roof Ventilators / Lovers

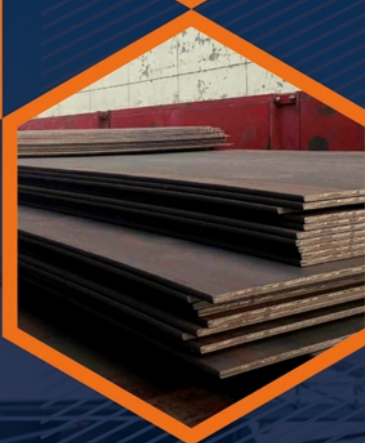
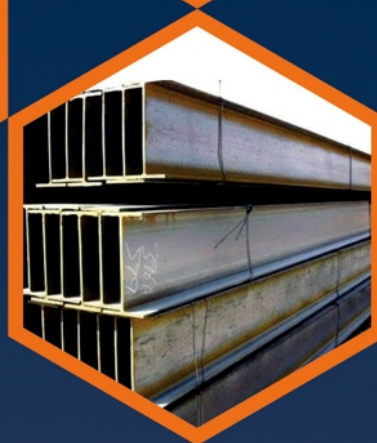
We like to associate with your company for your upcoming project. For any further information and clarification, please do not hesitate to contact us.

Warm regards,
NISHYATH Y

+ 91 98418 88654
nmmetalroofing@gmail.com



N M METAL ROOFING



We Providing
STEEL STRUCTURE
Design for Your Industries

NMMR Profile

We are pleased to introduce N M Metal Roofing as one of the fast growing manufacturing industries in the field of Roofing, Cladding, Purlin & related accessories, having office and factory in Chennai.

Our experience team will receive your business enquires & orders at any time with utmost care in order to further design, manufacture and deliver in accordance with specific needs, at an appropriate period of time. In view of our effective processing and personalised customer services, with highly competitive prices, and environmentally solid policies and procedures, we undertake to attend repair works and maintenance of all types, on urgent basis.

You can be rest assured that our qualitative products and services will meet with your requirements at all levels.

PRE-ENGINEERED STEEL BUILDINGS (PEB)

Pre-engineered steel buildings are the fastest systems of industrial construction today. These buildings can withstand unfavourable weather conditions like high velocity winds and most importantly earthquakes. They provide life-long durability, safety and very low cost maintenance.

Our Vision

Create innovative steel products and processes that surpass our customers needs today and for the future.

Our Mission

We creates innovative, high quality steel solutions for our customers in a safe, responsible & profitable manner.

Our Values

Our key values of safety, quality, productivity & innovation are the foundation of our business as we work to fulfill our mission of operating in a safe, responsible and profitable manner.

Advantages & Features

Larger spans

Up to 60 meters without any columns in between.

Faster construction

Time saved in money earned. PEB save 50% construction time compared to conventional methods. 30,000 sq.ft. building can be made ready for occupation within 10-20 weeks.

Cost effective

Optimum utilization of materials, built-to-design steel sections and fast construction, all lead to direct & indirect cost savings. Reduce foundation cost with wider bay spacing.

Single source responsibility

Project co-ordination, construction management & cash flow management etc. become easy, effective & predictable since you are not dealing with lots of agencies.

Re-locatable

PEB permits future expansions, scrap value & relocation.

Custom designed

To suit specific need of the customer & the location.

Peace of mind guaranteed

Reputed, reliable, well equipped manufacturer undertaking the turn-key responsibility is a big relief. You can be rest assured of a quality job, delivered in time.

Applications

Industrial Sheds

Workshops

Warehouses / Godowns

Showrooms

Exhibition Halls

Sports Halls

Auditoriums

Convention Halls

Schools

Food Courts

Services Stations

Transport Terminals

Aeroplane Hangars

Parking Lots

Site-Housing

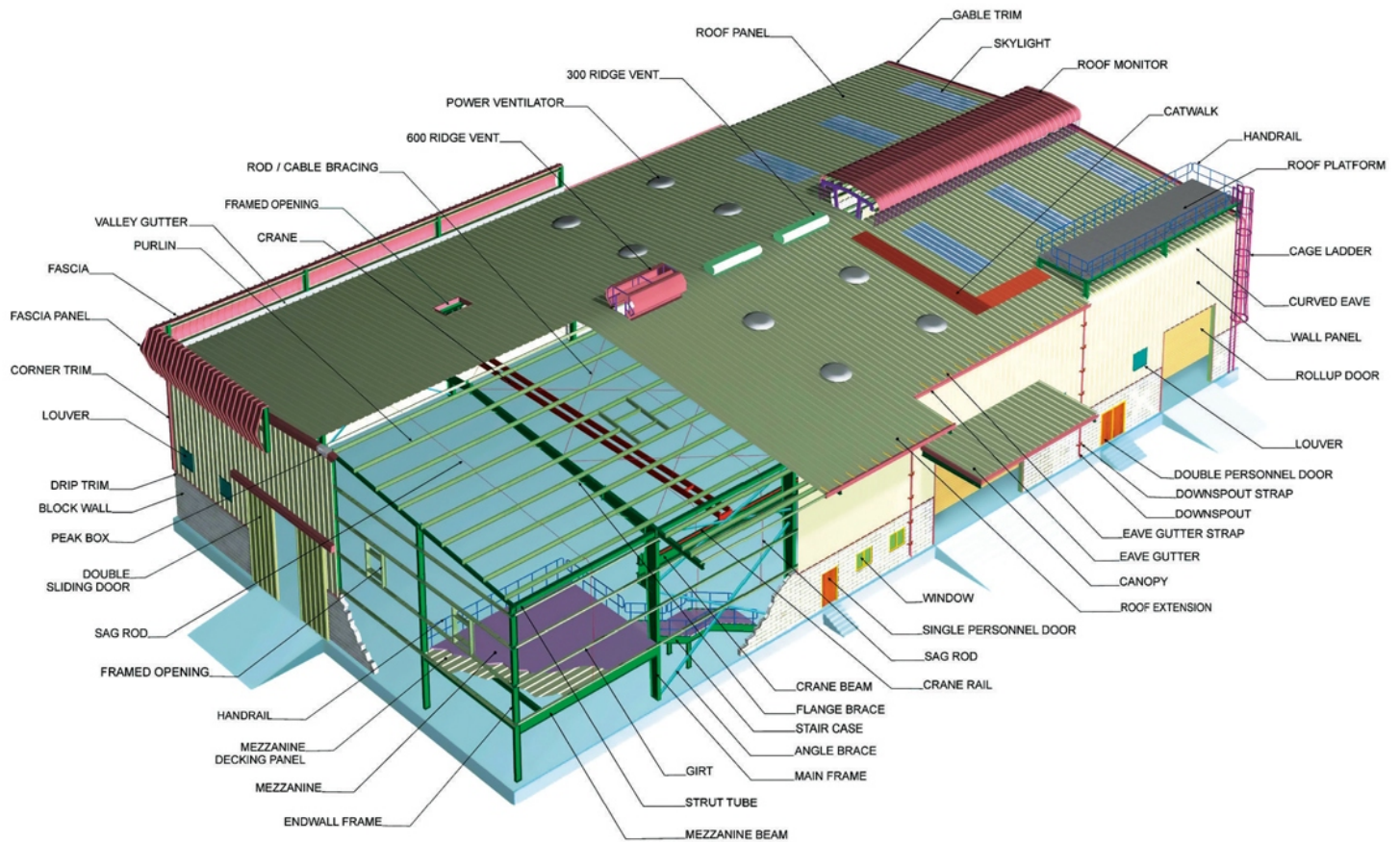
Rail Yards

Loco Sheds

Cold Stores

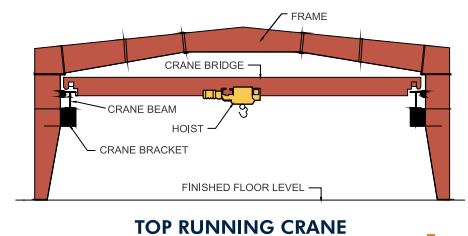
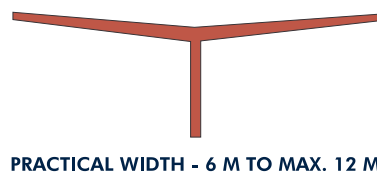
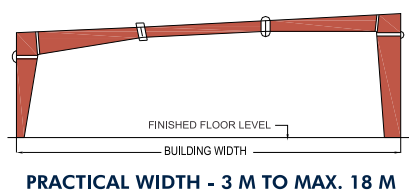
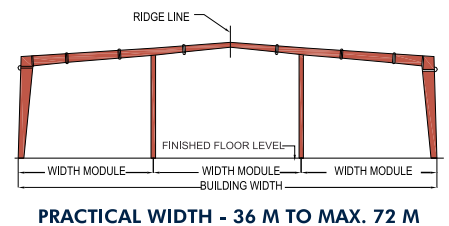
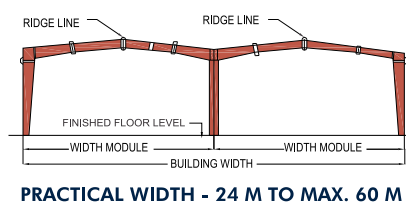
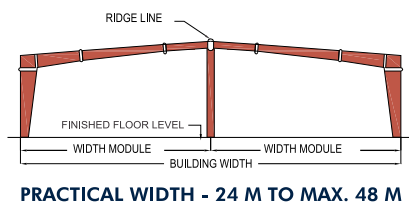
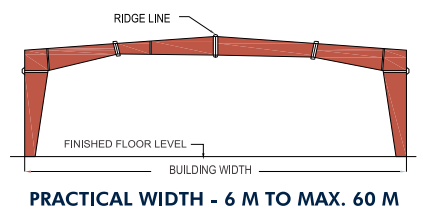
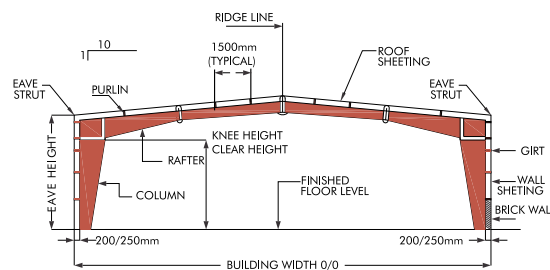
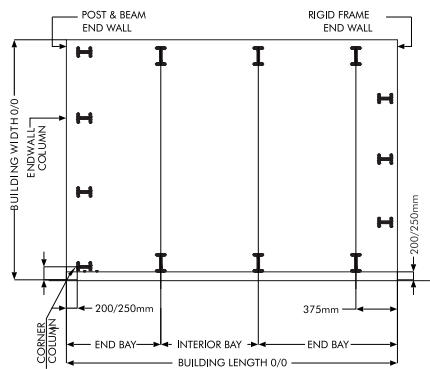
Distribution Centres

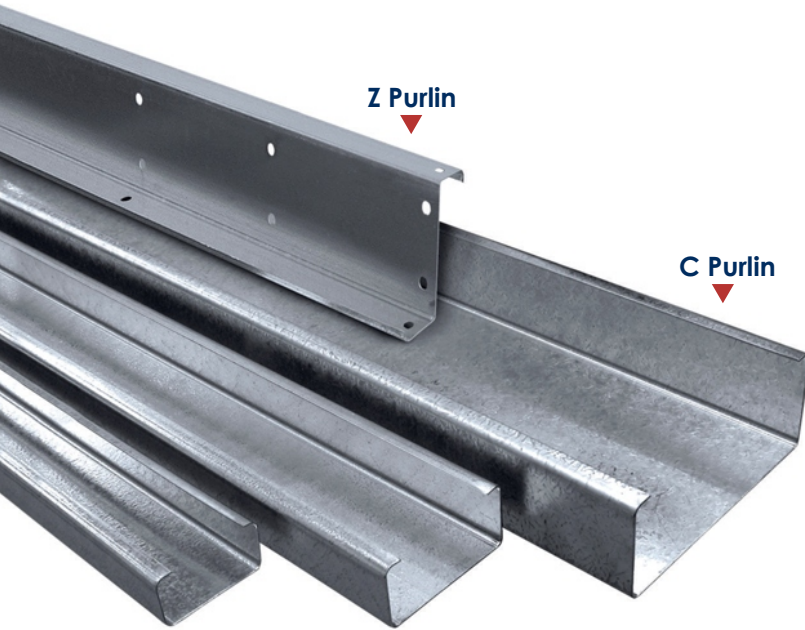
Pre Engineered Building



Types of Plan

Types of Frames

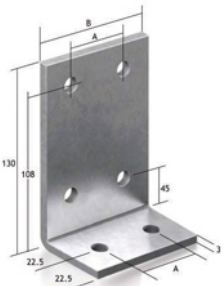




Z Purlin

C Purlin

MS & Galvanized



L Type Cleat



Sag Rod

Purlins Product specifications

Thickness range	1.5, 1.75, 2.0, 2.25, 2.5 & 3.00
Input raw material specification	IS 10748 grade II / IS 2062 ASTM A36
Yield Strength	Low Tensile : YS 240 – 300 MPA High Tensile : YS 340 – 400 MPA
Surface Finish	Galvanized plate or one coat of primer & approved paint finish color

Purlins, girts and eave struts are secondary structural members used to support the wall roof panels. Purlins are used on the roof, girts are used on the walls and eave struts are used at the intersection of the sidewall and the roof.

Secondary members have two other functions:

- Act as struts that help in resisting part of the longitudinal loads that are applied on the building such as wind and earthquake loads
- Provide lateral bracing to the compression flanges of the main frame members thereby increasing frame capacity.
- Purlins, girts and eave struts are available in high grade steel, available in 1.5mm, 1.75mm, 2.0mm, 2.25mm, 2.5mm and 3.0mm thickness. They come with a pre-galvanized finish or Cold formed HR steel painted with red-Oxide Primer and approved Paint Finish Colour.

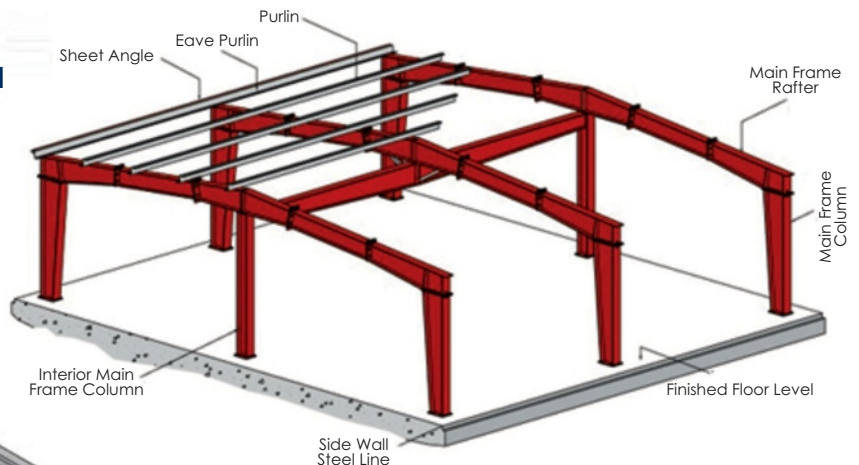
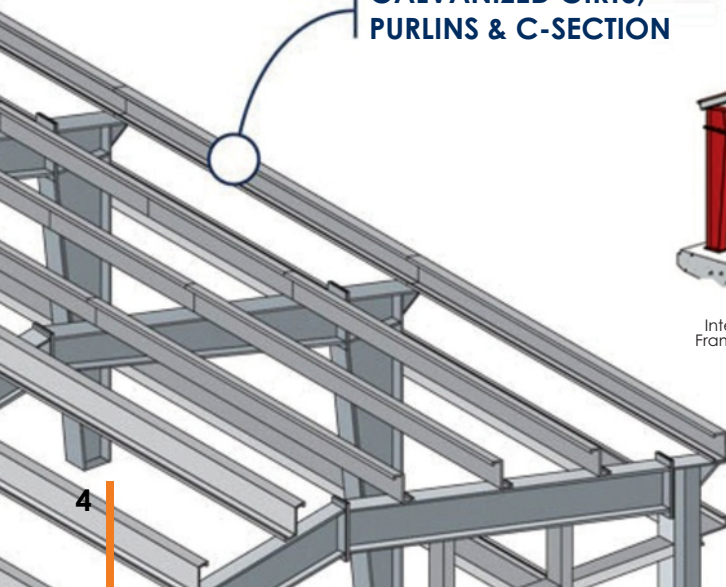
Purlin Material specifications

Details	Specifications
Length	As per your requirement
Material	CR steel as per IS-513 / HR steel as per IS-1079
Yield strength	245 MPA to 345 MPA
Type	Bare, Primer Coated, Galvanized, Painted

"C & Z" Purlins available

Purlin Type	H	A	B	Lip	S(thik)
C & Z 150	150	60	60	20	1.5 – 3.0mm
C & Z 200	200	60	60	20	1.5 – 3.0mm
C & Z 230	230	60	60	20	1.5 – 3.0mm
C & Z 250	250	60	60	20	1.5 – 3.0mm
C & Z 300	300	60	60	20	1.5 – 3.0mm

GALVANIZED GIRTS, PURLINS & C-SECTION



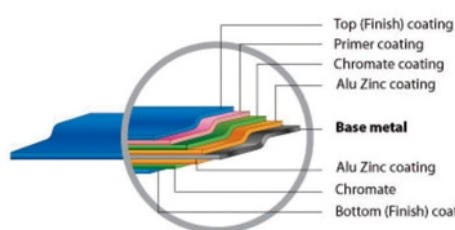
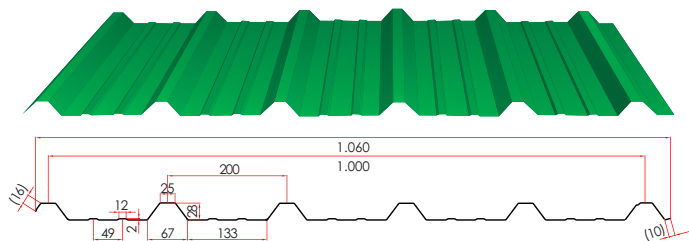
Roofing and Wall Panels



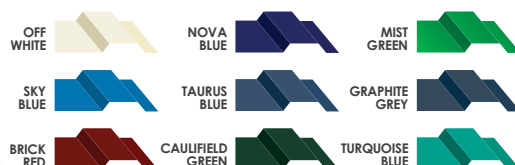
NM Metal Roofing offers you Colour Coated Steel roofing and Cladding System of your Choice. Colour Coated Profiled Roofing and Cladding Sheets Provides a good aesthetic appearance, high durability, light weight, high strength, easy maintenance, eco-friendly and cost-effective.

Roofing and Cladding Sheets are available in various thickness from 0.35mm – 0.50mm Thick

- Pre Painted Galvanized Steel.
- Bare-Galvalume Steel (Aluminium-Zinc Alloy Coated Steel).
- Colour Coated Galvalume Steel Aluminium-Zinc Alloy Coated Steel.



Wide range of colours



Brand



Technical specification for roofing sheet

Details	Al Zn / Bare Galvalume	Colour Coated Galvalume	Per Painted Galvanized
Combination	55% AL, 43.4% ZN & 1.6% SI	55% AL, 43.4% ZN & 1.6% SI	99.5%
Coating Standard	AS 1397 – 93	AS 1397 – 93	AS per IS 277
Coating Mass	AZ 70/150 gsm	AZ 70/150 gsm	Z 120 gsm
Base Metal	High Tensile / CR	High Tensile / CR	High Tensile & Soft Material / CR
Nominal Thickness (TCT)	0.45mm - 0.50mm	0.20mm - 0.55mm	0.35mm - 0.50mm
Yield Strength	550 MPA	550 MPA	245 & 345 MPA
Paint	-	Regular Modified Polyester system. Silicon Modified Polyester System.	Regular Modified Polyester system. Silicon Modified Polyester System.

Accessories

Plain Ridge



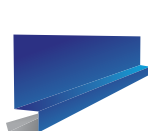
* Length : 2500 mm,
* Width : 610 mm

Gable Flashing



* Length : 2500 mm,
* Width : 610 mm

Bottom Flashing



* Length : 2500 mm,
* Width : 610 mm

Box Gutter



* Length : 2500 mm,
* Width : 610 mm

Barge Board



* Length : 2500 mm,
* Width : 610 mm

Down-Take Pipe



* Length : 2500 mm,
* Width : 400 mm

Corner Flashing (wall to wall)

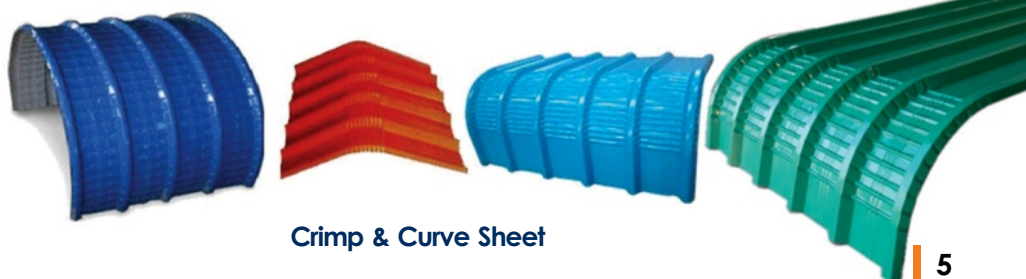


* Length : 2500 mm,
* Width : 300 mm

Eaves Gutter



* Length : 2500 mm,
* Width : 610 mm

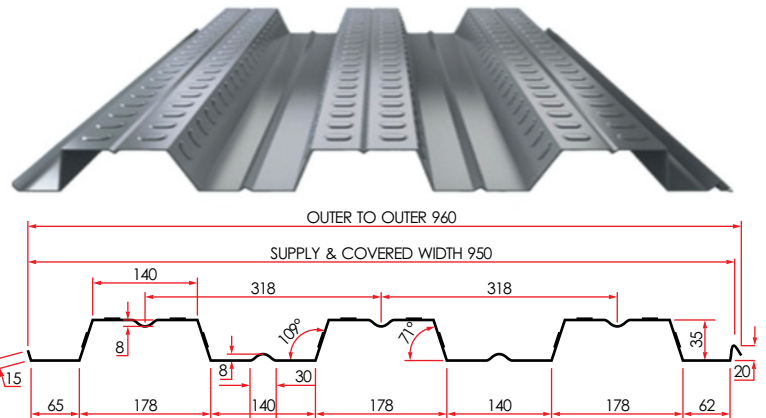


Crimp & Curve Sheet

Composite deck is designed for use with structural concrete and is manufactured with mechanical embossments in the webs to create mechanical and chemical bond between the deck and the concrete.

The composite action allows the deck to serve as the tensile reinforcement for positive bending in the slab, which significantly reduces or eliminates the need for rebar in the slab and lowers material and labour costs.

The strength and durability of the steel provides a solid platform for construction on top of open web joists, structural steel and light gage framing or masonry walls. The desk acts a form for the concrete and is typically designed so that shoring is not required.



Base metal

- Brand - JSW, TATA, ESSAR
- Coating Mass 120 GSM
- Coating Standard IS : 277
- Steel Grade - S250 / S350

Available finish

- Cold Rolled (CR)
- Pre coated galvanized under side giving durable, attractive appearance & minimum maintenance.

Thickness

- 0.80mm / 0.90mm / 1.00 mm / 1.20mm

Applications

- Reduced concrete usage: Tensile steel for composite slab construction that cuts down on slab thickness and dead weight of buildings providing a more sustainable solution and reducing costs.
- No separate form work required for slab casting.
- Reduces construction time.

Advantages

- Light weight, doesn't require any support, which considerably reduces the use of concrete & slab thickness.
- Acts as composite member & as permanent shuttering.
- Deck can be used as a working platform during construction.
- Speedy construction enables faster completion of a project.
- Decking reduces the construction time hence the total cost.

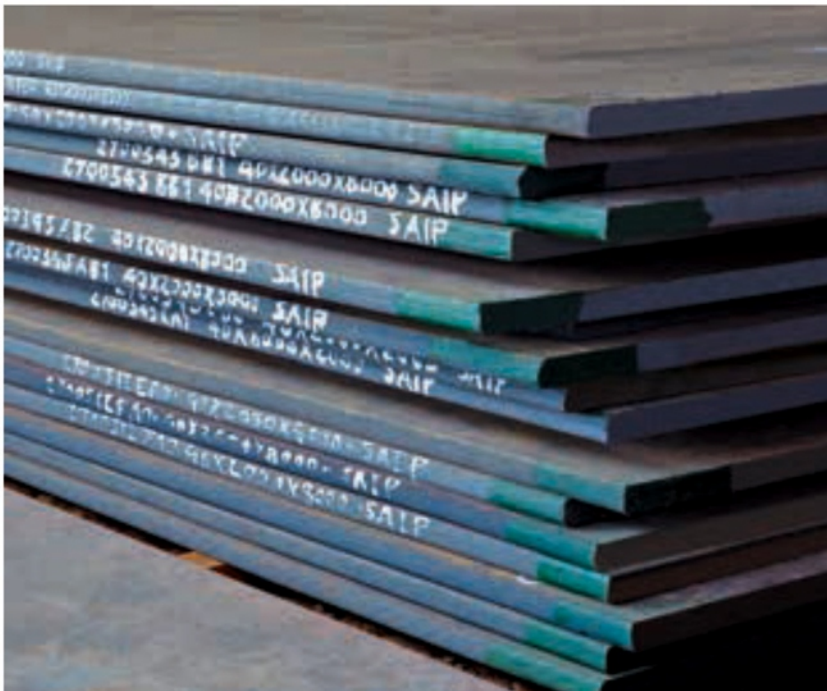




Product Range

PARALLEL FLANGE BEAMS	COLUMNS
UB 203mm X 133mm to 620mm X 229mm	UC 152mm X 152mm to UC 356mm X 406mm
NPM/IPE 180mm X 90mm to 600mm X 220mm	
WPB/HE 600mm X 300mm to 900mm X 300mm	
LENGTH	CHANNELS
Upto 18m	ISMC 75-400mm
We can supply in specific lengths upto 18m	
	ANGLES
	Equal angles (ISA) 50-250mm

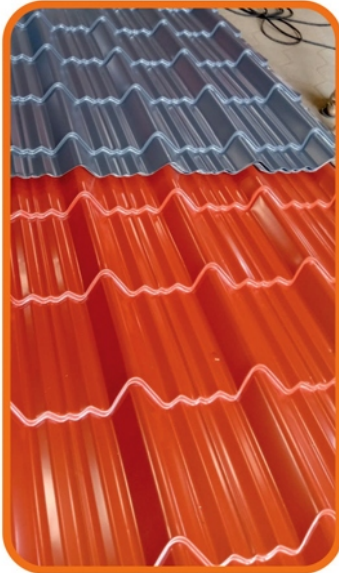
MS Plate



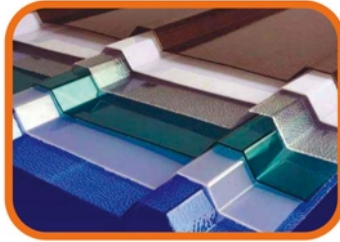
Product Dimensions

DISCRETE PLATES	
Thickness	: 5mm - 150mm
Width	: 1500mm – 5000mm
Length	: 600mm to 24000mm
Normalized Plates	
Thickness	: 5 to 150mm
Cut of length plates	
TRIM SHEAR	
Thickness	: 5 – 50
Width Trimmed	: 1500mm – 4800mm
SLITTING SHEAR	
Thickness Range	: 5 – 30/40/50mm
Slitting Width Range	: 900mm – 2400mm

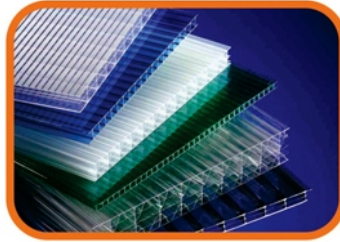
Other Products



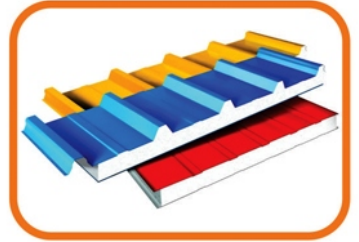
Tile Roofing Sheets



Polycarbonate Profile Sheets



Multiwall Sheet



Sandwich Puff Panel



Glass Wool Insulation



Air Bubble / XLPE Insulation



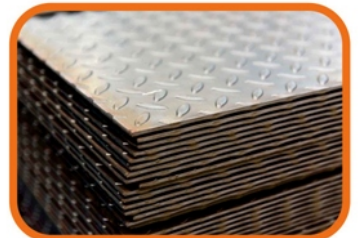
Turbo Roof Ventilator



Foundation Bolts



Fasteners (SDS Screws)



MS Chequered Plate



Steel Fire Doors



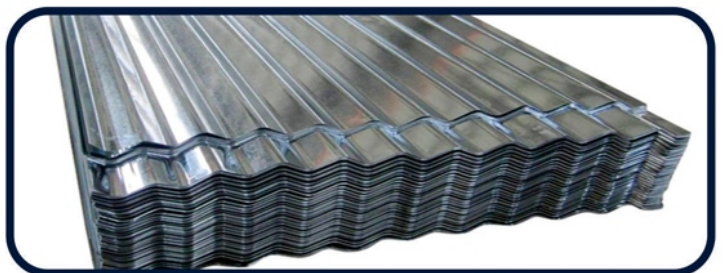
Louver



W Beam - Guard Rail



Hollow Section (RHS & SHS)



GC Sheet



N M METAL ROOFING

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6th Street, Neelangarai,
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Mail : nmmetalroofing@gmail.com