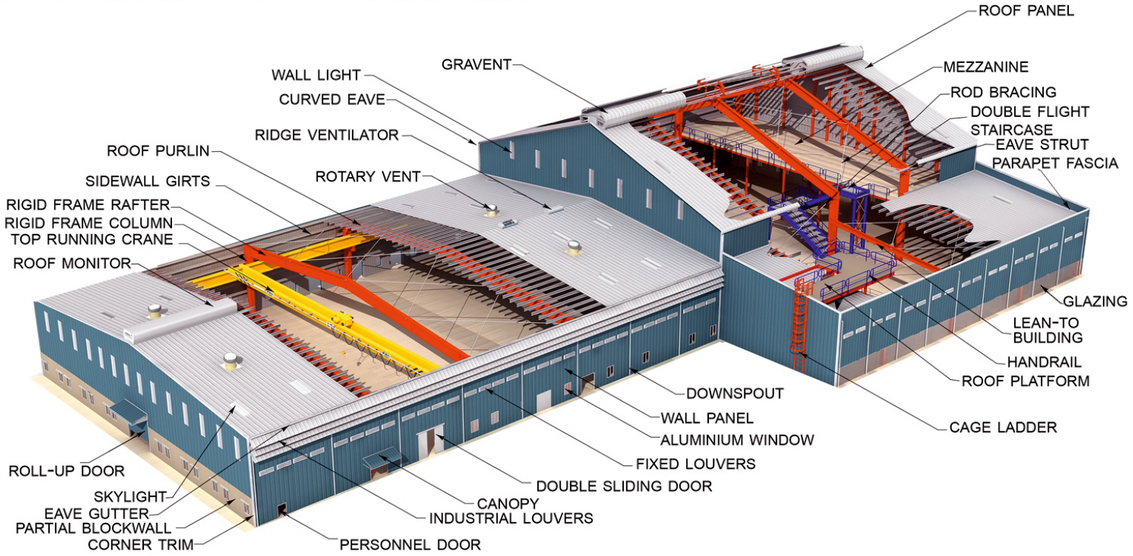
TYPICAL PEB STRUCTURAL BUILDING



Advantages

- Very economical
- Quick delivery with express installation
- Low maintenance
- Wide spans and high eave height
- Design and architectural flexibility
- High quality
- Easy to expand
- Single source responsibility
- Fast quotation along with proposal renderings
- Evnironmentally friendly
- Energy efficient
- Water and earthquake resistant

SSR ENGINEERS & CONTRACTORS

METAL BUILDING SOLUTIONS

Regd. Office :
 # Plot No. 181, Road No. 4, T.M.C. Mahindra Hills,
Secunderabad-500 026, Telangana, INDIA
E-mail : shreesairam67@gmail.com
Cell: 87904 89456

Mfg. Facilies :

HYDERABAD | TELANGANA
CHENNAI | TAMILNADU

SSR ENGINEERS & CONTRACTORS

METAL BUILDING SOLUTIONS

About Us

We would like to take this opportunity to introduce our company as a SSR ENGINEERS & CONTRACTORS manufactures with a complete range of Z & C Purlins, sheetings, all PEB acessories used in metal building systems, including PEB on a trunkey basis design, engineering, manufacturing and installation.

Using a state-of-art design and manufacturing facility in Hyderabad and other parts of south India, SSR ENGINEERS & CONTRACTORS is focused on meeting the needs of our customers for durable, affordable and Versatile structures. SSR ENGINEERS & CONTRACTORS Has over the years led the filed of cold rolled steel buildings, in terms of technology. We help in designing the best building for safe, strong And secure structures.

We source all of our products in india from ISO 9001: 2000 accredited companies so you can be rest assured that your SSR ENGINEERS & CONTRACTORS will be manufactured and engineered to the highest standard.

We would be happy to supply testimonials from our satisfied customers to give you the confidence to order your PEB Structures designed to your requirements, at a competitive price and delivered within the agreed time lines.

Featured Services

Best Value Best Quality Best Design

With over 5 years of experience in this specialized field, we offer our customers a fully comprehensive, hassle free service.

Our rapid success is based on three important elements :

Excellent Support - experienced staff that have a proven record of achievement this market.

Procedures and software applications that are sophisticated in design yet uncomplicated and user friendly.

We are close by, to offer the assistance required to ensure our customer needs are addressed in timely manner.

Design

Our local engineer can design your structure in front of your and provide you with an instant quote. Our unlimited features will provide you with a practical, cost effective hassle free solution.

Strength

Our Products cannot be beaten on price and quality.

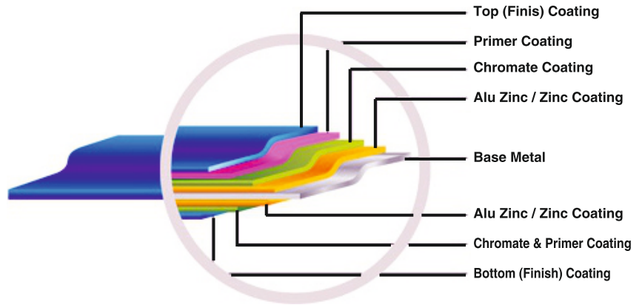
What is PEB

Pre- Engineered Buildings can be as unique as your needs. A computers assisted design helps to create a building for a specific use.

Pre-engineered buildings are the state-of-the-art steel solution to develop an efficient and cost-effective infrastructure. PEB's offer ultimate design flexibility and an extremely short construction time

(Right from initial design to completion). They are supplied as a fully finished product along with steel structure, building accessories and roof cladding. They required no no-site fabrication or welding - they can simply be bolted together as per specifications.

Structure of Pre-Painted Steel Sheet

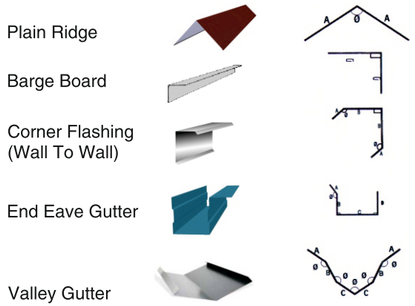


Material Dimensions - Technical Specification

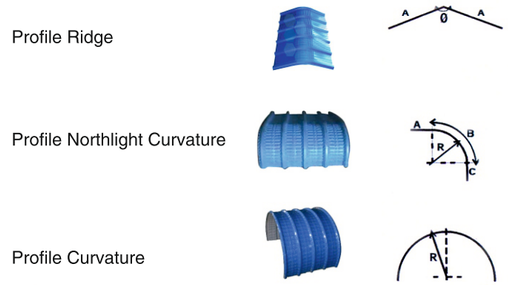
Total Coating Thickness (TCT)
0.35mm, 0.40mm, 0.45mm, 0.47mm, 0.50mm, 0.55mm, 0.60mm, 0.65mm, 0.70mm, 0.80mm, 0.90mm, 1.00mm

Profiles	Overall Width	Effective Width	Pitch	Depth
Roof	1100 mm ±	1000 mm ±	200 mm ±	30 mm ±
Wall Cladding	1100 mm	1000 mm	200 mm	28 mm

Plain Accessories



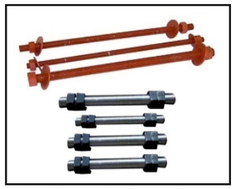
Trapezoidal Accessories



Accessories


Nut's Bolt's


Rake Angles


Sag Roads & Brace Rods


Roof Skylight


Wall light


Insulation

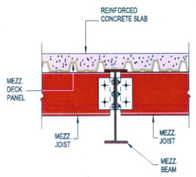

Ridge Ventilator


Turbo Ventilators

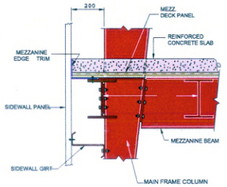
Mezzanine Floor : SSR ENGINEERS & CONTRACTORS Standard mezzanine floor consists of joists, beams, intermediate columns and galvanized profiled decking sheets. Decking sheets are profiled from pre-galvanized coils. For larger column free spaces, we can also offer composite design with shear connectors.

Standard mezzanine floor systems consist of galvanized steel decking supported by joists framed onto the main mezzanine beams. The main beams can also be supported by intermediate columns depending on design requirements. The main mezzanine beams should ideally run parallel to the primary rafters and joists should run parallel to the roofs purlins.

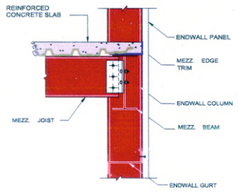
Mezzanine Joist Connection to Mezzanine Beam



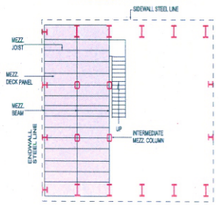
Mezzanine Beam Connection to Main Frame Column



Joist Connection to Endwall Column

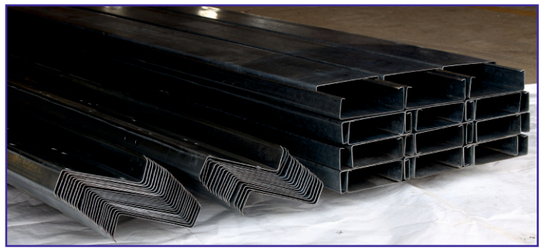


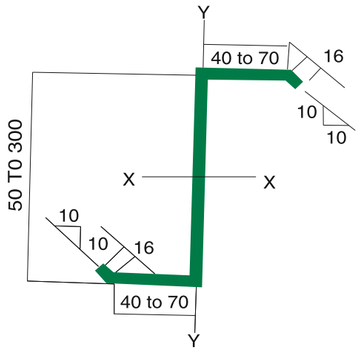
Mezzanine Plan

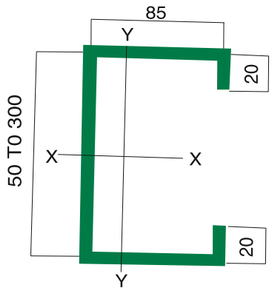


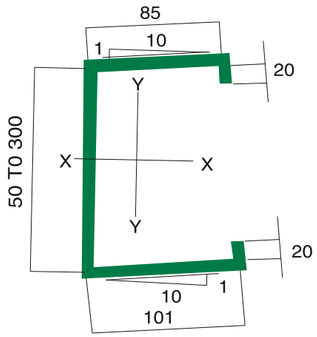
BUILDING TYPES PRIMARY FRAMING SYSTEM

At SSR ENGINEERS & CONTRACTORS practically any type of geometric frame can be built. Some of the most commonly used primary framing systems are featured here..









Saving upto 35-40% in weight and 0% in cost when compared to the conventional pipes.

Truss spacing can be increased, hencel less numbers of trusses columns and foundation work resulting in further economy.

The purlins are supplied in required lengths with pre-punched holes. Hence, reduction in constrained time and cost in fabrication & erection and no wastage.

Purlin erection is easier than others.

Close tolerances on sectional dimensions due to process of cold roll forming.

Low transportation cost due to reduced weight

High versatility, durability and uniform quality.

(SSR ENGINEERS & CONTRACTORS)

ZED & CEE Purlins are
with Pre-Punching

Steel Grade

IS 2063 / 345 MPA / IS 277

Finish

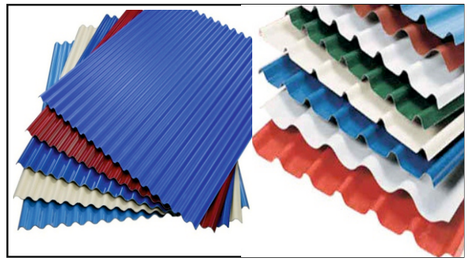
Mill Finish / Red / Oxide
Primer / Galvnized

Thickness

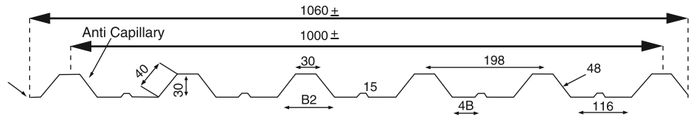
1.50 mm to 3.15 mm for ZED
1.50 mm to 3.15 mm for CEE

Accessories

Cleats, Sag Road, Brace Rods
Brace Angles, Rake Angles
& all other PEB Acessories
at customised sizes



PROFILE DRAWING



Supply width : 1060 mm, Cover width : 1000 mm Length as per customer requirement

SSR ENGINEERS & CONTRACTORS Roofing is a special design profile for stronger roofing applications.
Its optimum pitch and depth ratio lends superior weight bearing capacity, making it the profile of choice.

Its unique design makes for a watertight roofing solution with the added advantage of an anti-capillary groove, which ensures a leak proof installation for years to come.
The design also prevents moisture built up on fasteners preventing premature corrosion.

SSR ENGINEERS & CONTRACTORS Material Specifications.

Pre-Painted Galvalume Steel Sheets
(55 % Aluminiu and 43.4% Zinc & 1.6% Silicon)

Substrate : Cold rolled steel As per IS 513
Material : Pre-Painted Galvalume
Thickness : 0.35 mm to 1.00 mm TCT
Tensile Strength : 550 mpa
Coating : AZ 150 gsm
Paint Coating : Regular Modified Polyester (RMP)
Silicon Modified Polyester (SMP)
Polyvinyl Difluoried (Pvdf)
Paint Thickness Top : 20 to 25 Microns
Paint Thickness Bottom : 6 to 8 Microns
Surface Finish : Matt / Glossy optional)
Standards : ASTM A792, A755, JISG 3321, As1397, IS 14246

Pre- Painted Galvanized Steel Sheets

Substrate : Cold rolled steel As per IS 513
Material : Pre-Painted Galvanized
Thickness : 0.35 mm to 1.00 mm TCT
Tensile Strength : 240 to 550 mpa
Coating : Z 120 to 275 gsm
Paint Coating : Regular Modified Polyester (RMP)
Silicon Modified Polyester (SMP)
Polyvinyl Difluoride (Pvdf)
Paint Thickness Top : 20 to 25 Microns
Paint Thickness Bottom : 6 to 8 Microns
Surface Finish : Matt / Glossy (optional)
Standards : ASTM A792, A755, JISG 3321, As1397, IS 14246

Bare Galvalume Steel Sheet Substrate : Cold rolled stell As per IS 513, Material : Bare Galvalume, Thickness : 0.40 mm to 1.00 mm TCT, Tensile Strength : 240 to 550 mpa Coating : AZ 150 gsm