

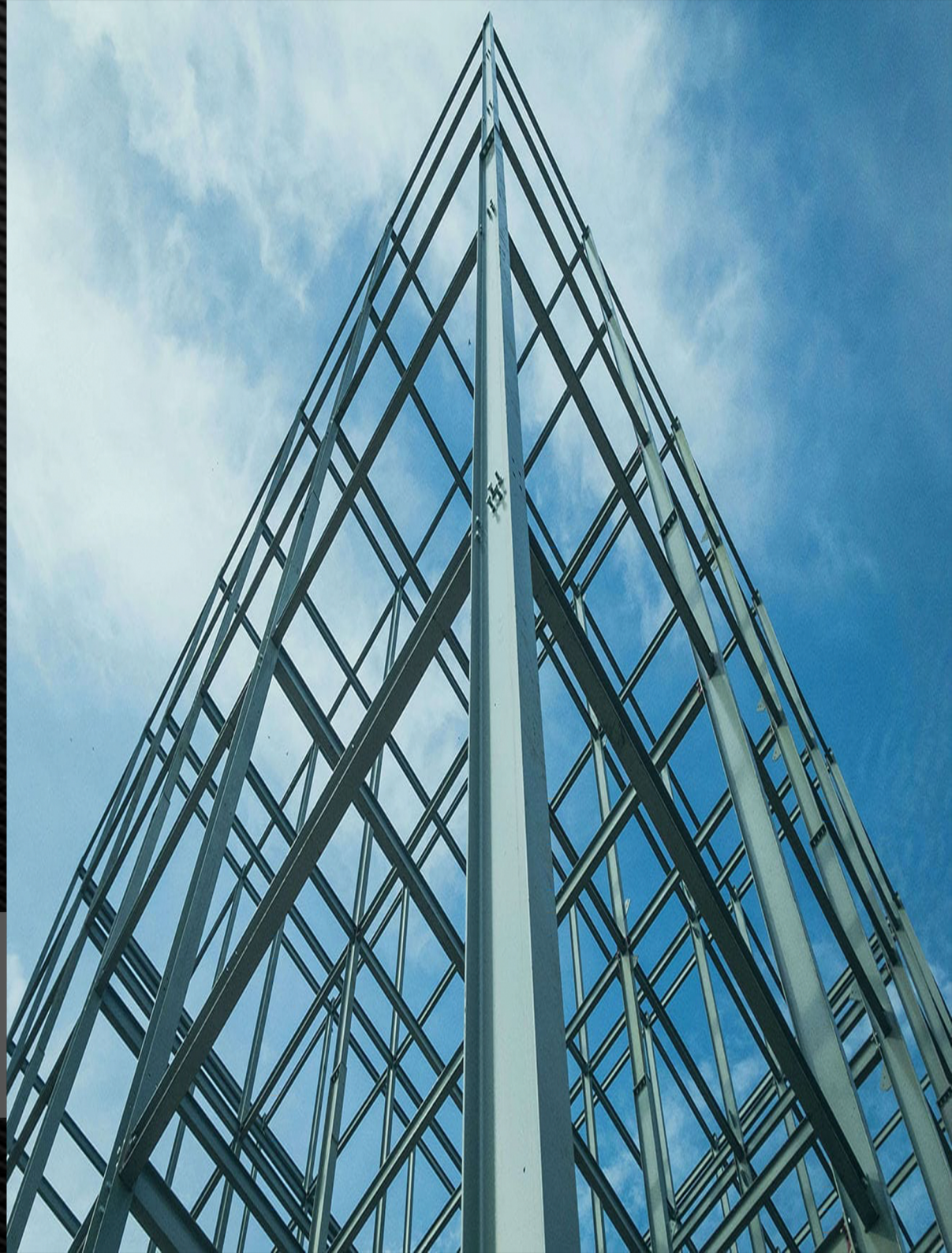


GLOBE PEB

PRE-ENGINEERED BUILDING UNIT

Where Team Work is a Success...

www.globeinfracons.com





GLOBE PEB

COLOR COATED METAL SHEETS, ACCESSORIES & PRE-ENGINEERED BUILDINGS

GLOBE PEB is a specialized Manufacturing Unit of Metal Buildings Which incorporates supply of Roofing & Wall cladding sheets, Roofing accessories, Pre-Engineered Steel Buildings And Architect Design, at Visakhapatnam in Andhra Pradesh.

Using Good Quality of Raw material with Modern Machineries using Latest Technology.

GLOBE PEB profiles the widest range of colours and different cover-widths in, Pre-Painted Galvalume and Bare Galvalume sheets and also Supply of Pre-Engineered Steel Buildings under the brand name of GLOBE PEB It has the Team of Dynamically Young entrepreneurs Professionally managing the company to cater the increasing needs of coustmers for durable, affordable and versatile Metal Building System.

GLOBE PEB provides high precision quality work and the most effective solutions which are strong, leak proof, long term durable, having special metallic coating and gives aesthetic look which enhances the appearance, life and value of he building.





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APPLICATIONS:

- » Industrial & Agricultural Sheds
- » Warehouses
- » Railway Stations & Bus Shelters
- » Naval Dockyards & Ports
- » Airport Terminals & Aircraft Hangers
- » Cold Storage & Fruit Canning Industries
- » Sports Stadiums & Dairy Farms
- » Garages & Parking Areas
- » Thermal power Plants & Engg. Work shops
- » School & Educational Institutions
- » Auditoriums & Commercial Complex's
- » Hotel & Restaurants
- » Textile Mills & Automobile Showrooms

BENEFITS:

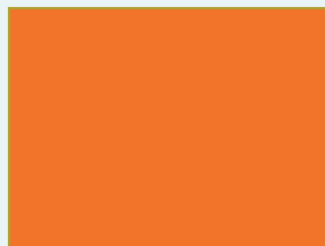
- » Attractive Colors
- » Resistance to Extremities of Weather
- » Very low Maintenance
- » Thermal Efficiency
- » Excellent Corrosion Resistance
- » Flexible Designs
- » Environment friendly and Fire Proof
- » Product Approved by Civil - AID
- » Excellent Coverage of Space
- » Strong Durable and Total Safety
- » Anti - Capillary Groove Ensures Leak - Proof Roof
- » Non - Crackable and gives 550 Mpa Strength to Roof
- » Superior Technology
- » Accurate Thickness, Width & Length Helps give the perfect fit for any roof
- » Wider valley Ensures Higher Water Discharge in case of Heavy Rains
- » Fastest Delivery & Easy to Install



SPECTRUM OF COLORS



ROYAL BLUE
RAL 5005



ORANGE
RAL 2008



AUTUMN RED
RAL 3001



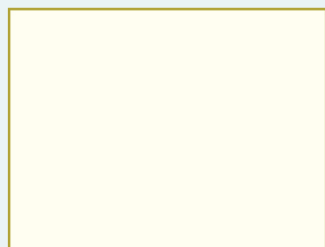
BROWN
RAL 8014



MIST GREEN
RAL 6011



DEEP BLUE
RAL 5015



OFF - WHITE
RAL 9002



TERRA COTTA
RAL 8003



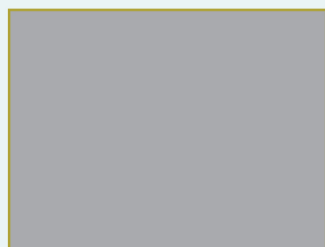
CAULFIELD GREEN
RAL 6009



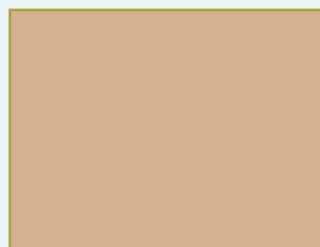
TEAL GREEN
RAL 6016



SKY BLUE
RAL 5012



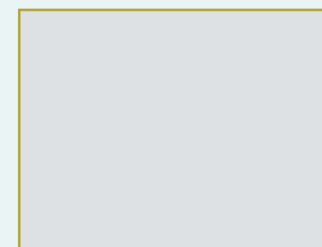
LIGHT GREY
RAL 7035



BEIGE
RAL 1001



FOLIAGE GREEN
RAL 6002



BARE GALVALUME

Note: Actual sheet Color may vary from the above range, Please refer to our color card or sample, while ordering.

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GLOBE PEB TRAPEZODIAL PROFILE ROOFING SHEETS

Below are three types of corrosion protected steel for roof and wall cladding applications.

1. Pre - Painted Galvanized Steel (Zinc Coated Steel).
2. Pre - Painted Galvalume Steel (Zinc - Aluminium Alloy Coated Steel).
3. Bare Galvalume Steel (Zinc - Aluminium Alloy Coated Steel).

TECHNICAL SPECIFICATIONS

Galvanized Steel : Zinc Metallized coating can provide corrosion protection in rural and urban areas. Atmospheric conditions will not rust Steel protected by a Zinc Metallized coating. Therefore, a Zinc Metallized Coating does not distort the shape of the steel nor it will affect its metallurgical structure. If the Product is scratched and the base metal is revealed, Zinc will sacrifice itself and protect the exposed area until it is consumed entirely.

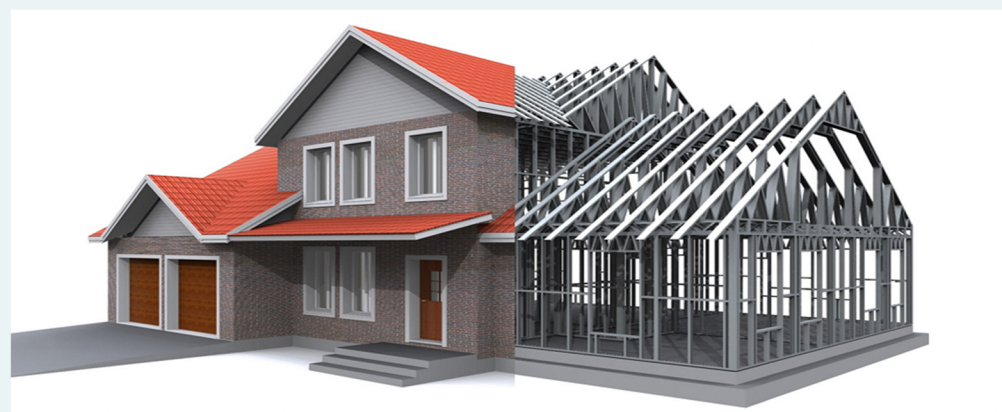
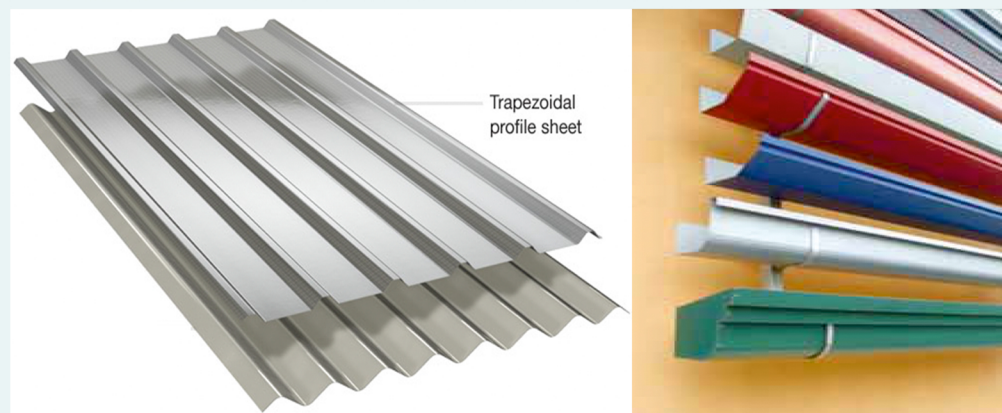
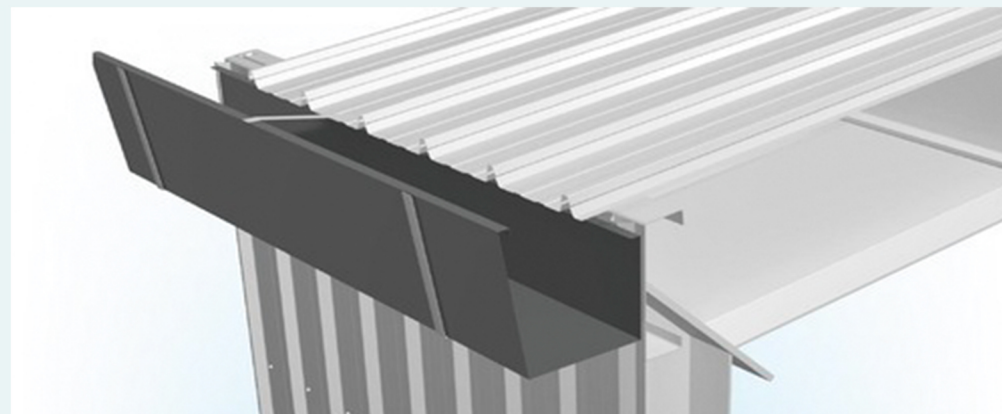
Galvanized Steel : Zinc - Aluminium alloy coating gives corrosion resistance and superior heat reflectivity. Galvalume Steel reflects a high percentage of heat and can withstand in any weather conditions, without surface discoloration. It is also suited for coastal areas. Bare Galvalume coating is inorganic and does not contain volatile compounds that can harm the environment.

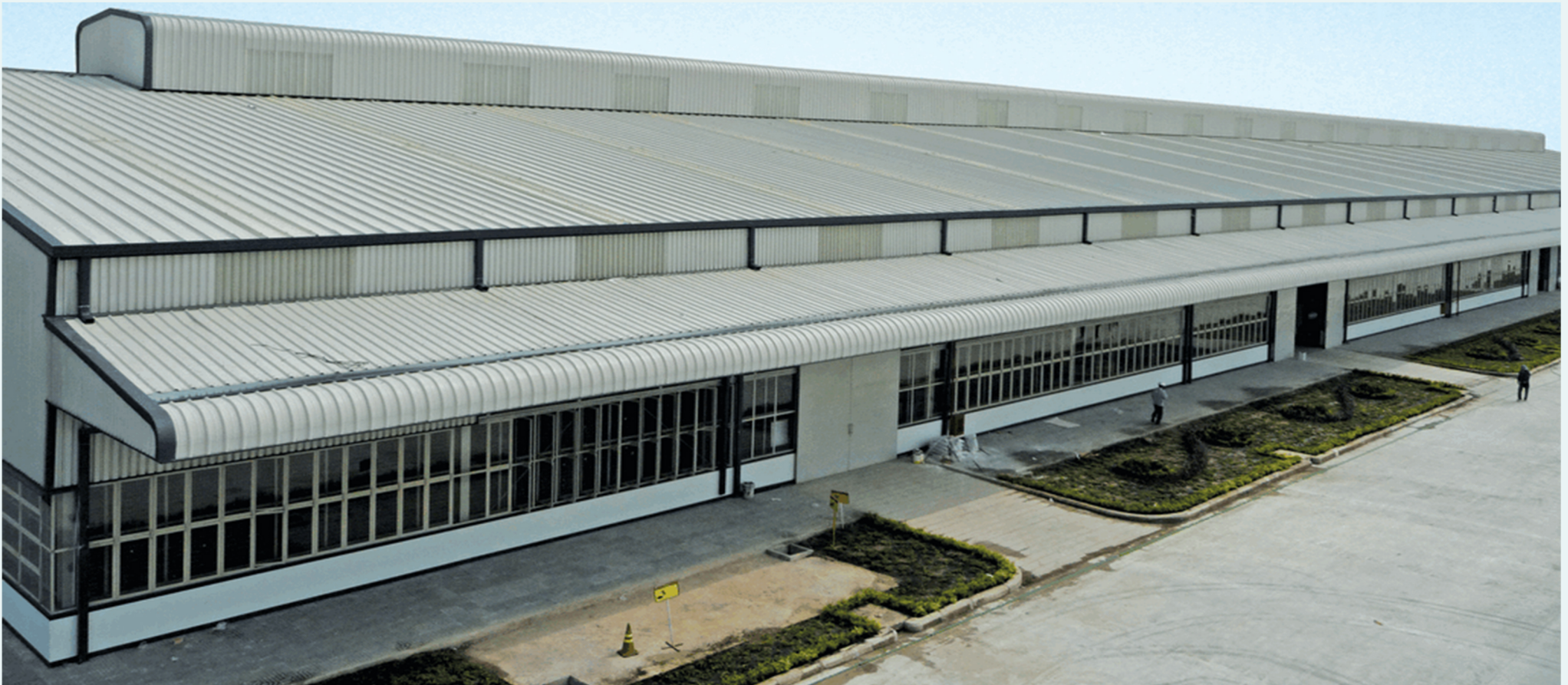
ACCESSORIES

GLOBE PEB has a wide range of accessories like Gutter, Flashing Ridges, Lovers, Downpipe, etc., which are manufactured out of the same material used for Roof and cladding to ensure equal quality and durability. All accessories are available in small, medium, heavy and customized sizes as per customer needs.

BENEFITS OF GUTTER AND DOWNPIPES - DRAINAGE SOLUTIONS

1. Strong, light weight and corrosion resistant.
2. Leakproof water drainage solution.
3. Various panels and lengths available subject to different pitches and local rainfall.



**GLOBE PEB ROOF RIDGE VENTILATOR:**

GLOBE PEB Roof Ridge ventilators are a new concept in the ventilation field. These systems are designed and can on any of sheet roof profile to effective remove heat humidity, smoke, fumes and dust from interiors, providing optimum fresh air in he woking environment such as factories as it exchanges he air between inside and outside, allowing foe coolness and fresh air with running and maintenance costs virtually nonexistent, they are of maximum benefit to industries needing continuous extraction of plant and sun heat.





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TURBO ROOF VENTILATOR

Turbo Roof Ventilators are designed in a manner to fetch the normal as well as extreme weather conditions pertaining at any industrial or commercial shed so as to remove heat & dust to the extent possible, also to maximum fresh air enters the shed, these are wind driven, they have the following specifications.

SPECIFICATIONS

- * Designed as per Industrial & Commercial specifications.
- * Very high durability.
- * Can withstand any extreme weather conditions.
- * Turbine Roof Ventilators are made up of Nylon / SS / Aluminium material.
- * Vanes are designed so as to prevent rain water from entering the shed.
- * Very light in weight.
- * Requires no maintenance & Zero operating cost.
- * Environmental friendly & Removes any kind of dust, heat replacing with fresh air.
- * Makes working conditions cool for working.
- * Can be used in existing as well as new shed.

WORKING PRINCIPLE: It utilizes wind energy to include air flow by centrifugal action. The centrifugal force generated by the rotating vanes low pressure zone, which draws fresh air from outside even after the stoppage of wind.

GLOBE PEB TRUSS LESS ROOF

GLOBE PEB Truss Less Roofing (Self Supported Roofing): Modern curved/Arch Truss less Roof is a marvel of architecture and design proven to withstand various loads due to its unique profile and installation techniques. It is made of Galvalume material - the latest in metal roofing, without the need for any structural members. It's the fastest roofing system available today and the fabrication of roofing panels and erection carried out at site.

GLOBE PEB Truss Less Roof is Crimp curved, increasing the materials rigidity and hence the life of the roof. And the depth and cross corrugation with higher thickness and quality material ensures superior strength.



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GLOBE PEB PRE - ENGINEERED BUILDINGS:

Pre - Engineered Building Concept

Pre - Engineered Buildings (PEB) were introduced into the steel building industry to facilitate fast design, delivery and erection of simple low rise & high rise structures like composite buidings, warehouses etc.,

BENEFITS:

- * PEB can be constructed in much less than the normal time from other structures.
- * PEB is a structural concept whereby all the components of a building are designed detailed and fabricated to suit the specific requirment of design and serviceability.
- * There would be absolutely no cutting or welding at site.
- * There erector would only use spanners to connect the various elements together.

PEB Buildings are made of 3 major components. They are

1. PRIMARY FRAMING:

Primary Framing consists of columns and rafters with tapered web and variable flanges. These are manufactured by welding together cut plates to form the desired frame I - sections. The tapered sections are welded at factory / bolted at site to form the desired frame profile. These frames in PEB are normally moment resisting frames with fixed or pinned bases as mandated by the design.

2. SECONDARY FRAMING MEMBERS:

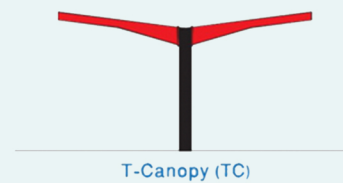
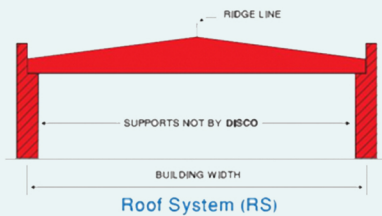
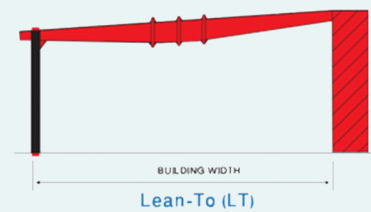
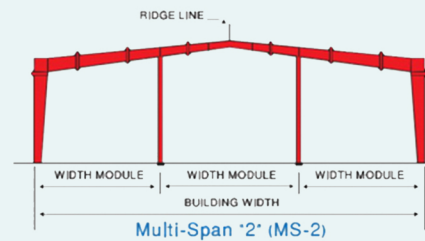
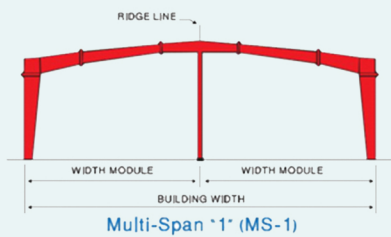
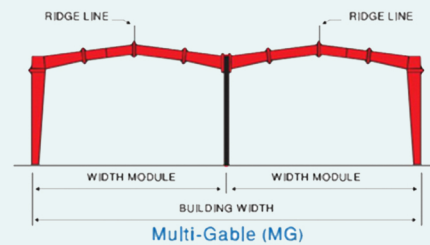
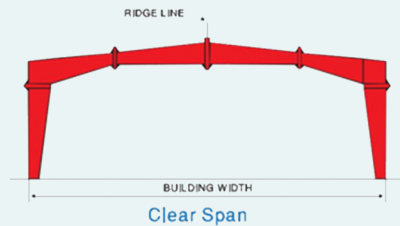
Secondary Framing Members are purlins and grits made of cold formed sheets. Normally, secondary framing members are in Z or C Shapes. Purlins which are used to support roof sheeting and the grits at longitudinal walls are normally designed as continuous members. however, the girls a transverse or short walls arenormally designed as simply supported beams. The spacing of secondary framing members are primarily dicated by the capacity of the cladding to span in the between the purlins/grit.

3. CLADDING:

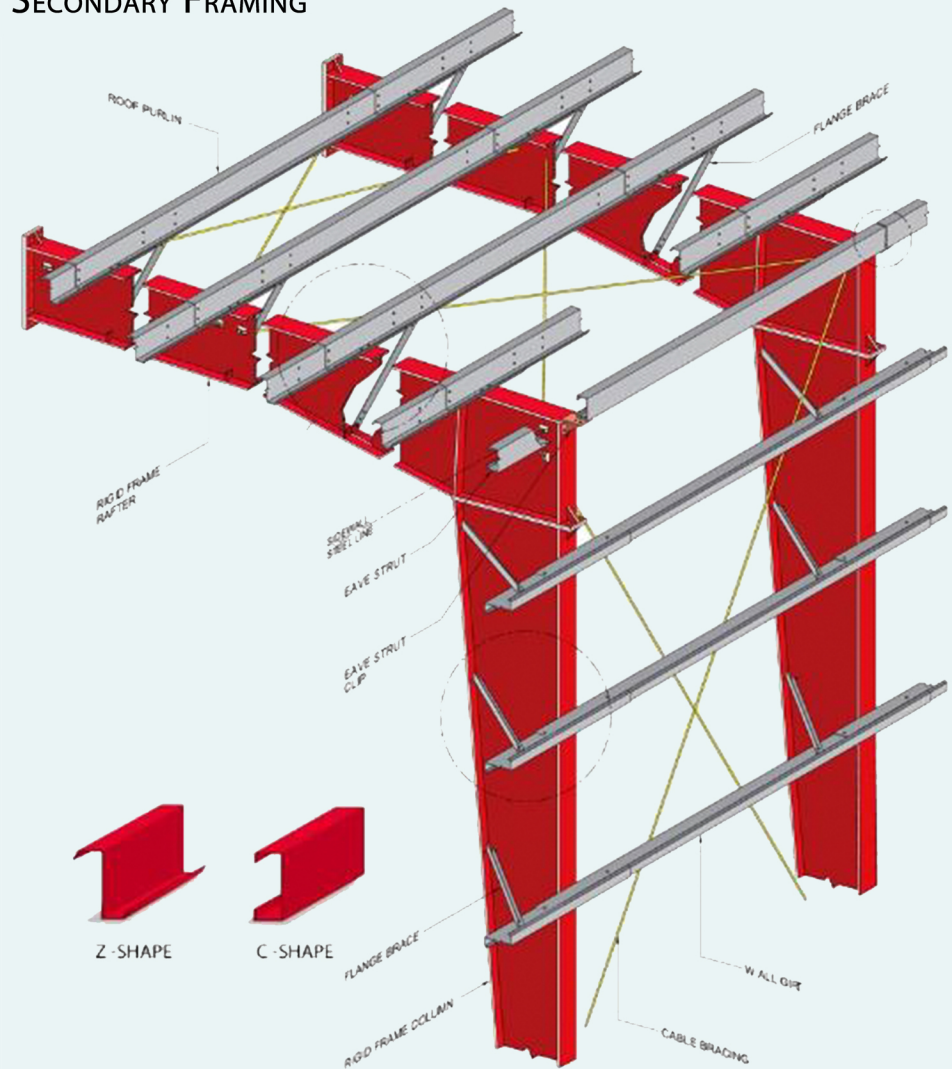
Cladding comes in a variety of profiles which are customized to suit structural and aesthetic requirements.

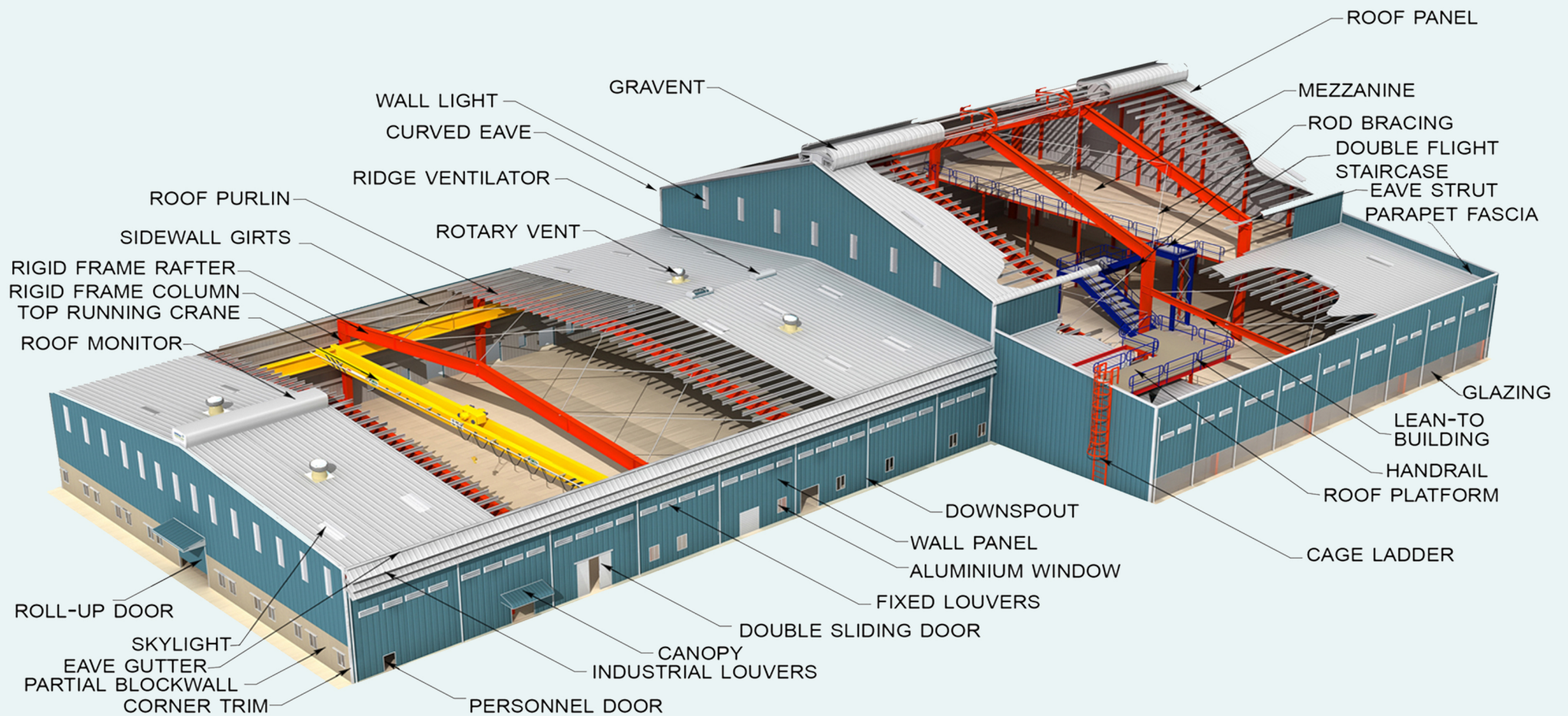


PRIMARY FRAMING



SECONDARY FRAMING







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GLOBE PEB PURLINS AND GIRTS:

C & Z Purlins Globe PEB Purlins and Girts are roll - formed from Hi - Tensile Galvanised / Hot Rolled steel. They are primarily used to provide lightweight, economical, efficient roofing and cladding support systems for framed structures. Purlins and Girts are available in a range of different sizes and configurations.

C - Sections have equal flanges and may be used in single spans and unplanned continuous spans in multi - bay buildings. Their freestanding stable shape allows easy handling and storage and is easily adapted for use in small and medium sized buildings as structural framework.

Z - Sections feature one oard and one narrow flange allowing the two sections to fit together snugly, making them suitable for lapping. Z sections of the same depth and different thickness' can be lapped in any combination. Purlins and Girts that are lapped form a structurally continuous line along the length of the building, a factory that contributes significantly to the reduction in building costs. We are also able to customise sections outside the standard range to suit your individual requirements.

GLOBE PEB METAL DECKING SHEETS:

Metal Deck Profile Sheets for steel buildings are manufactured from Cold Roll Formed Steel. Composite Deck Slab is steel cum concrete slab having ribbed steel profile at the bottom & concrete on top, together forming a part of the floor/roof structure called the composite deck slab. The composite floor profile offers the ultimate in the light weight steel decking which reduces the concrete usage to provide a cost effective and alternative floor solution that is easy requirements.

The floor is constituted by a profile sheet on to which a layer of concrete is poured. The sheet is bonded to concrete by means of mouldings on the sheet which stop the concrete from slipping horizontally and detaching vertically. When the concrete is poured and until it has reached an appropriate level of hardening, the weights of the concrete personnel working and equipment used in borne by the sheet alone. Once the concrete has hardened the sheet and concrete form a unified bond with all the characteristics of traditional reinforced concrete, where the sheet, after having performed the function of frame, acts as a metal reinforcement. Appropriate crop ends must be provided to absorb the negative moments.

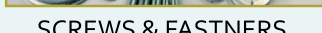
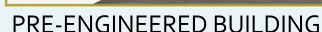
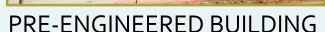
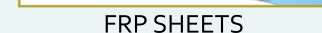
Application Areas: Multi - storey Buildings (Industrial / Residential), Shopping malls, Mezzanine Floors, Bridges, Walkways, Platforms etc.,

Advantages: Decreases in slab thickness, provide lighter slab, reduced foundation loads resulting in less material consumption & thus lowering the cost.





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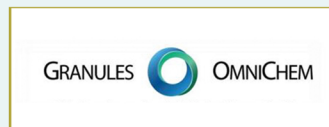
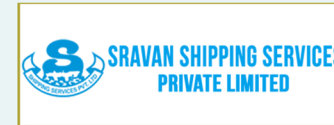


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We are proud to be building partner to leading businesses across India

Our esteemed clients



Globe PEB is an ISO Certified Construction and Engineering Firm that adheres to the highest Standards of product quality.

ISO 9001: 2015

Quality Management System

ISO 14001: 2015

Environment Management System

ISO 45001: 2018

Health and Safety Management System



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