



CIVIL & STEEL CONSTRUCTION COMPANY

INDUSTRIES - COMMERCIALS - INSTITUTIONS - HOSPITALS

ALL OVER TAMIL NADU

COMPANY PROFILE



PSCCPL – **PSC Construction Pvt. Ltd.** is a growing and trusted company in the field of **civil construction, structural engineering and infrastructure development**. With a strong commitment to quality, safety and innovation, the company delivers reliable construction solutions for residential, commercial and industrial projects.

Since its establishment, PSCCPL has focused on providing **high-quality construction services, modern engineering solutions and efficient project execution**. The company aims to build long-lasting structures by combining technical expertise, skilled manpower and advanced construction practices.

PSCCPL offers a wide range of services including **civil construction, structural works, infrastructure development, project management and engineering consultancy**. Each project is executed with careful planning, strict quality control and adherence to industry standards to ensure durability, safety and client satisfaction.

The company follows a **client-focused approach**, understanding project requirements clearly and delivering solutions that meet both technical and financial expectations. Through efficient resource management and timely execution, PSCCPL ensures that projects are completed within the scheduled timeline.

With a dedicated team of engineers, project managers and skilled professionals, PSCCPL continuously strives to improve its processes, adopt modern technologies and maintain high standards in construction.

PSCCPL has successfully worked across different sectors including **commercial buildings, industrial structures, warehouses, infrastructure projects and residential developments**.

The company's commitment to quality, integrity and professionalism has helped build strong relationships with clients and partners.

VISION

To become a trusted leader in civil construction and infrastructure development, delivering innovative, reliable and high-quality structural solutions while maintaining the highest standards of safety, efficiency and sustainability.

MISSION

Our mission is to deliver **high-quality civil construction services** that exceed client expectations by ensuring strong project management, timely execution, cost efficiency and superior workmanship.

To achieve our vision and mission, we focus on the following principles:

- Building long-term trust with clients, partners and stakeholders through transparency, integrity and consistent quality in every project.
- Adopting modern construction techniques, engineering expertise and efficient project planning to deliver reliable and durable structures.
- Maintaining strict quality control standards and following industry best practices in all construction activities.
- Ensuring safety at every stage of construction by implementing strong safety measures and training our workforce.
- Promoting environmentally responsible construction practices and using resources efficiently to minimize environmental impact.
- Continuously improving our processes, technology and workforce skills to deliver projects on time and within budget.

SALIENT FEATURES

1. High Strength Steel

Uses high-grade steel plates with high yield strength ensuring durability and structural stability.

2. Optimized Structural Design

Tapered built-up sections are used to achieve maximum strength with minimum steel weight.

3. Advanced Fabrication Technology

All built-up sections are fabricated using automated welding machines for superior quality.

4. Durable Secondary Members

Cold-formed galvanized or non-galvanized steel members ensure long life and strength.

5. High Quality Roofing & Cladding

Metal roof sheets and wall cladding provide durability, weather resistance, and aesthetic appearance.

6. Large Column-Free Spaces

PEB structures allow large clear spans without internal columns, ideal for industrial operations.

7. Mezzanine & Crane Provision

Buildings can be designed with mezzanine floors and overhead cranes depending on project needs.

8. Faster Construction Time

Pre-engineered components significantly reduce project execution time.

9. Cost Effective Solution

Optimized design and faster erection reduce overall project cost.

10. Single Source Responsibility

Complete solution including design, detailing, fabrication, supply, and erection.

11. Customizable Features

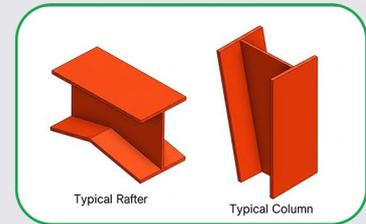
Optional features like skylights, ridge ventilators, turbo ventilators, louvers, rolling shutters, and doors.

12. Temperature & Ventilation Control

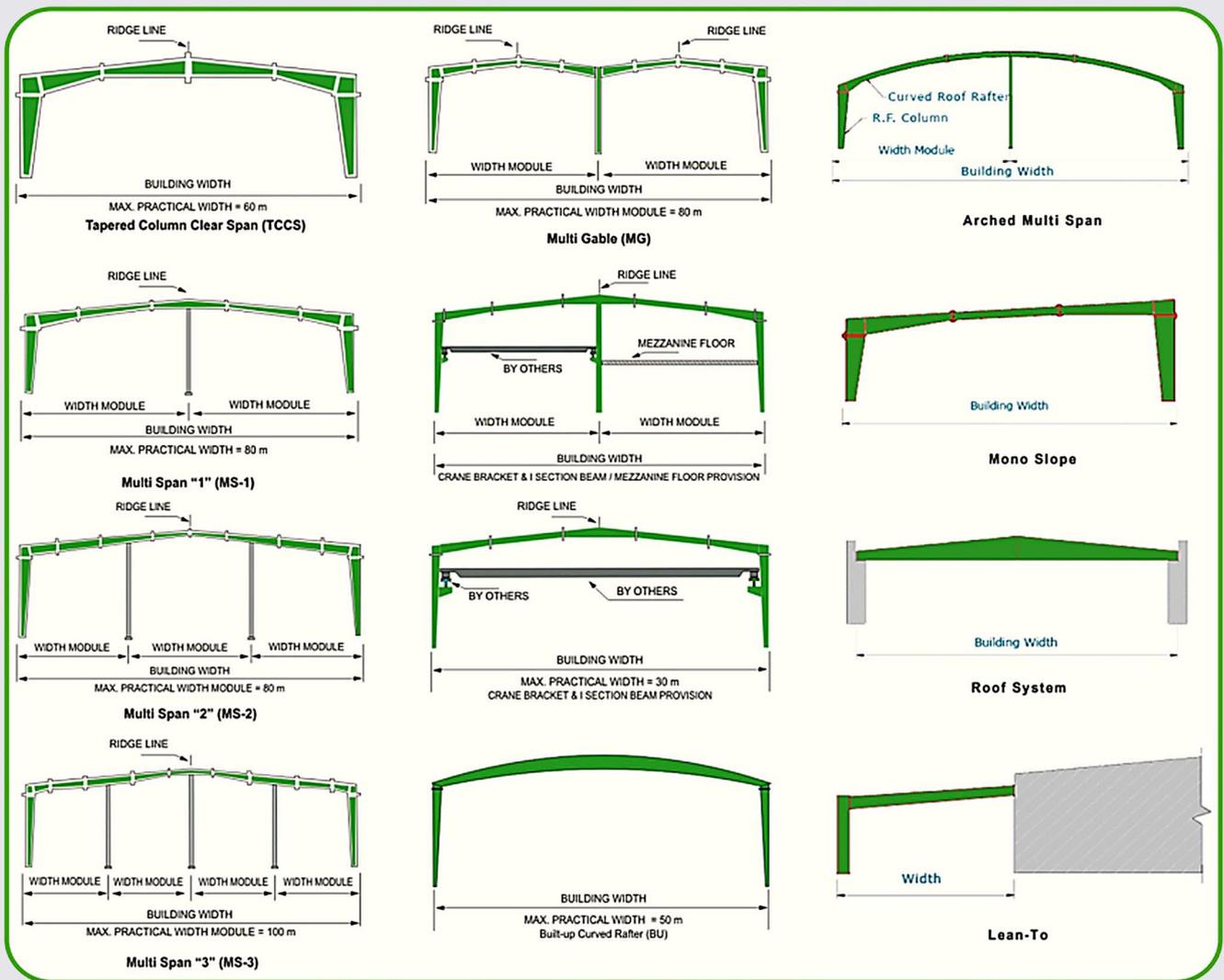
Proper insulation and ventilation systems maintain comfortable internal conditions.

MAIN FRAMING

Main framing basically includes the rigid steel frames of the building. The PEB rigid frame comprises of tapered columns and tapered rafters (the fabricated tapered sections are referred to as built-up members).



FRAME TYPES



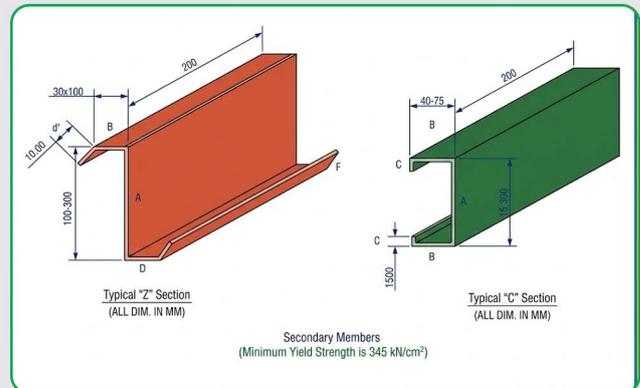
PURLINS & GIRTS

Purlins, girts and eave struts are secondary structural members used in Pre-Engineered Buildings. These components are manufactured using cold-formed steel sections without any welding process.

The steel coils are shaped through a bending process to form the required profiles:

- **Z-Section** – Used for purlins and girts
- **C-Section** – Used for eave struts

These members provide structural support to the roof and wall panels while maintaining strength with reduced steel weight.



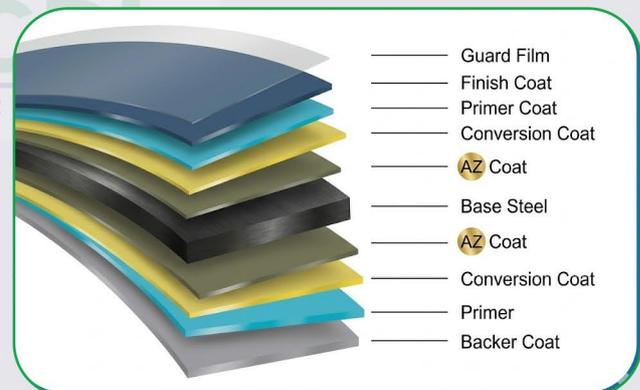
SHEETING SYSTEM

Roof and wall panels are roll-formed from 0.45 mm to 0.50 mm thick Aluzinc colour-coated steel sheets designed to provide high durability and weather resistance.

Standard specifications include:

- Exterior paint film thickness – **25 microns**
- Interior face coating – **5-7 microns PU compatible epoxy primer**
- Material – **Cold rolled high tensile steel (550 MPa yield strength)**
- Metallic coating – **Galvalume 150 g/m² (AZ150)**
- Standard – **ASTM A792 / AS 1392**

The wall panels are coated with 25 micron modified polyester paint system applied on Zinalume sheets to ensure corrosion resistance and long service life.



CRANE SYSTEM

Crane systems in industrial buildings are designed to improve material handling efficiency and productivity.

The installation of cranes helps in:

- Faster movement of heavy materials
- Better space utilization inside the building
- Reduced dependency on forklifts and ground transport
- Improved operational efficiency in factories and warehouses

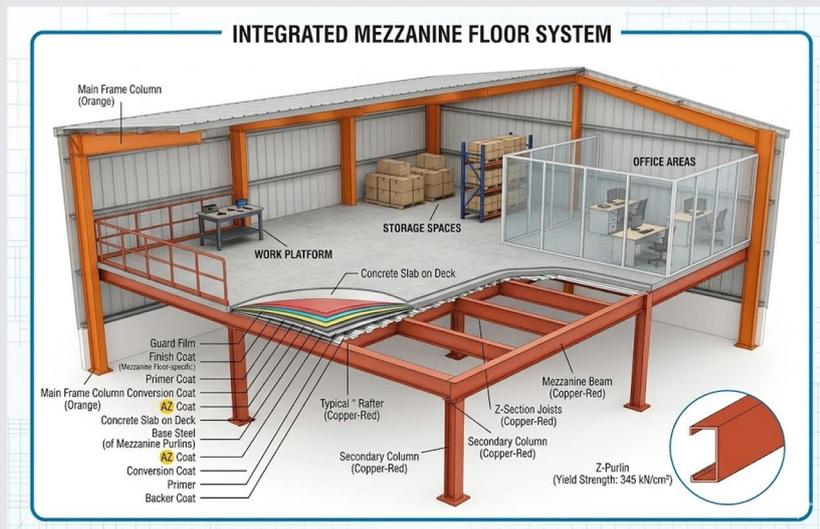
MEZZANINE SYSTEM

A mezzanine system is an intermediate floor constructed within a metal building to create additional usable space.

It can be used for:

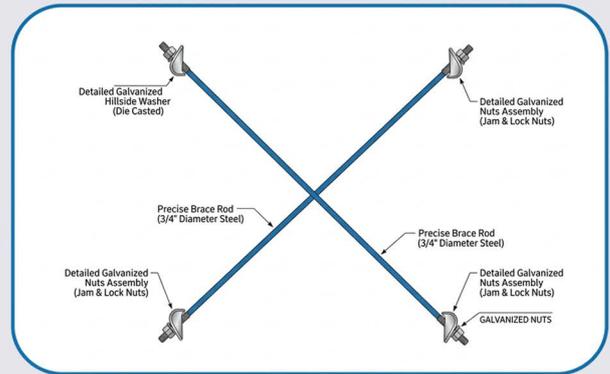
- Office areas
- Storage spaces
- Work platforms

The system generally consists of beams, columns, joists, deck sheets and edge angles, designed to support reinforced concrete flooring and structural loads.



BRACING SYSTEM

Bracing systems are used in roof and wall structures to provide stability and transfer loads safely to the building foundation.



These systems help the structure withstand:

- Wind loads
- Seismic forces
- Crane longitudinal loads
- Structural movement forces

Bracing improves the overall strength, stability and safety of the building structure.

SANDWICH PANELS

Sandwich panels are advanced building materials used for roofing and wall cladding systems.

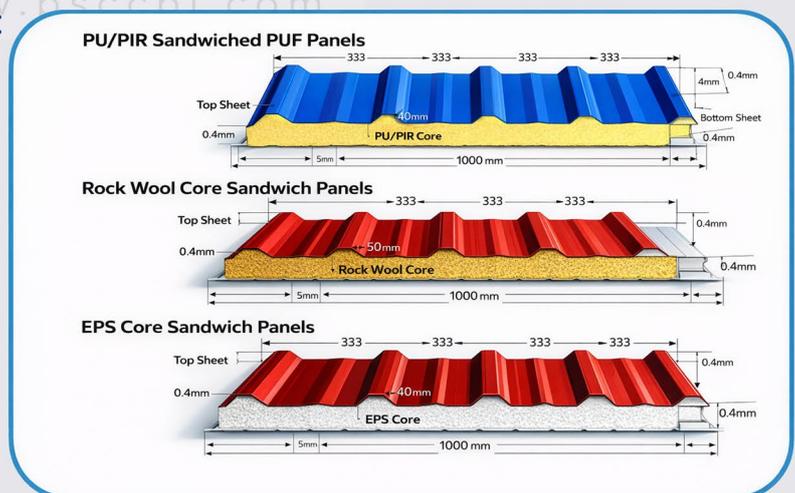
A sandwich panel consists of:

- Insulating core material
- Inner metal sheet
- Outer metal sheet

These panels provide:

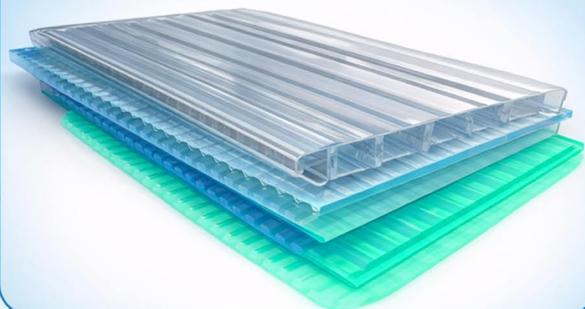
- Excellent thermal insulation
- Sound reduction
- Lightweight structure
- Faster installation

They are widely used in **industrial buildings, warehouses and commercial structures.**



ACCESSORIES

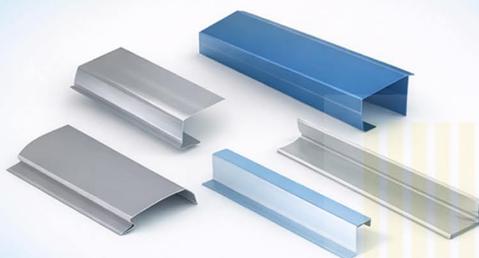
Sky Light



Gutter



Trims & Flashings



Ridge Ventilator



Louvers



Turbine ventilator



Insulation material



Facia



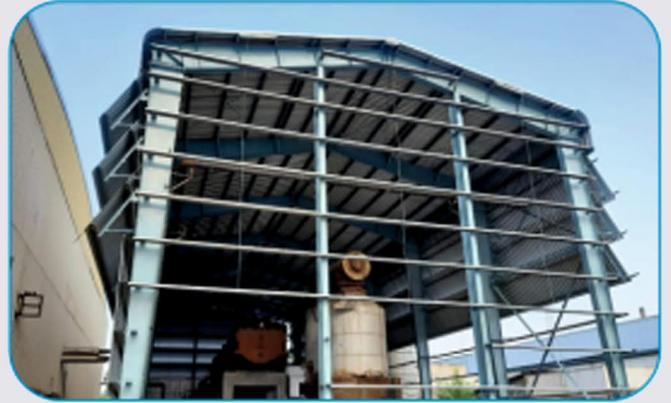
PROJECTS



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PROJECTS



EXIM KNITS PRIVATE LIMITED, PERUNDURAI.



SLV PLASTICS, BANGALORE.



JASWINS APPARELS, RASIPURAM.

PROJECTS



SAKTHI AGRO FOODS, MAILAM.



SESHASAYEE PAPER AND BOARDS, PALLIPALAYAM.



RAHUL HYUNDAI, SHIVAMOGGA.

PROJECTS



ALIPH CARBON PRIVATE LIMITED, MALAPPURAM.



SATHYAM LOGISTICS, BANGALORE.



ELITE KNITS, DHARMAPURI.

PROJECTS



SPEC & CAL GASES PRIVATE LIMITED, HOSKOTE.



SUPER AUTO FORGE, CHENNAI.



SRI VENKATESHWARA ENGINEERING, HOSKOTE.



AKSHAYA WARE HOUSE, COIMBATORE.





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