PREOUSTOMISED BUILDING PRODUCTS PVT .LTD.

PEB

MANUFACTURERS

- Pre - Engineered Buildings System
- Crimp Curve Sheets
- Multi-Story Building
- Decking System
- Z & C Purlin System
- Heavy Steel Structure Fabrications

ABOUT US

Precustomised Building Products Pvt. Ltd. is one of India'sfastest-growing companiesin the field of pre-engineered steel building solutions. We are dedicated to delivering modern, innovative, and high-performance structures that reflect strength, speed, and safety. With a strong foundation in engineering excellence, PCBPPL turns complex building concepts into efficient, reliable, and tailor-made solutions that comply with the latest American design codes.

Our commitment extends beyond quality construction—we focus on training and welfare of our workforce, ensuring a skilled and motivated team capable of meeting the highest standards of design and execution.

OUR MISSION

To deliver premium-quality steel products and comprehensive building solutions to a global clientele by leveraging advanced technologies, nurturing a driven workforce, and maintaining a culture of continuous improvement, ethical conduct, and customer-centric values.

OUR CORE VALUES

Discipline: We take ownership of our responsibilities and maintain professionalism in every project.

Safety: A safe and healthy work environment is a priority at all our sites.

Quality: We aim to exceed expectations by delivering superior quality the first time, every time.

Integrity: We build lasting trust through honesty, transparency, and ethical practices.

Innovation: Our forward-thinking approach enables us to develop smart, customized solutions.

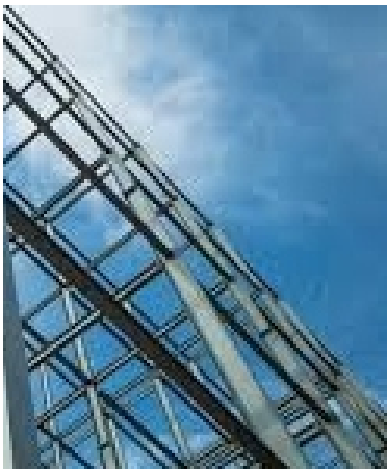
Sustainability: We care for the environment by promoting clean, efficient, and sustainable building practices.

Your Trusted Partner for Steel Structures

Building Sustainability With Structural Steel

Structural steel is at the heart of sustainable construction, offering strength, flexibility, and recyclability. Its high strength-to-weight ratio allows for lighter foundations and less material usage, which reduces environmental impact during construction. Steel structures are also incredibly durable, requiring less maintenance over time, contributing to longer building lifespans and reduced resource consumption.

Moreover, structural steel is 100% recyclable without loss of quality. This makes it an ideal choice for green building practices, supporting circular economy goals. From reducing construction waste to enabling energy-efficient design, steel plays a key role in shaping a more sustainable and resilient future in the built environment.



Pre-Engineered Building (PEB) System:

A Pre-Engineered Building (PEB) system is a modern construction method where a complete building is designed and fabricated in a factory, then assembled on-site.It uses steel frames and standard components like beams, columns, and roofing sheets, making it faster and more efficient than traditional construction.

Advantages of PEB System:

- Structural Support – Provides a strong steel framework for the entire building.
- Space Efficiency – Offers large column-free spaces ideal for factories, halls, and warehouses.
- Quick Construction – Reduces on-site work through pre-fabricated components.
- Customizability – Designs can be adjusted for different needs (industrial, commercial, residential).
- Portability – Some structures can be dismantled and relocated.
- Cost Efficiency – Saves on labor, material waste, and construction time.
- Durability – Resistant to harsh weather, pests, and fire when properly treated.
- Eco-Friendly – Uses recyclable materials and produces less construction waste, supporting sustainability.
- Low Maintenance – Steel components are durable, pest-resistant, and need minimal upkeep over time.
- Ease of Expansion – Buildings can be extended easily as requirements grow.

Wide Range of Applications

Structural steel fabrication and erection are widely used across multiple sectors, including:

Industrial Buildings: Factories, processing plants, manufacturing units,logistics centers, and cold storage facilities.Steel structures are ideal due to their strength, load-bearing capacity, and adaptability for equipment installation.

Commercial Complexes: Shopping malls, multiplexes, hotels, office towers, and showroomsbenefit from steel's flexibility in design,long spans,and faster construction cycles.

High-Rise Buildings: Steel frames provide the strength needed for vertical construction, offering resistance to seismic activity and wind loads while allowing architectural freedom.

Warehouses and Sheds: Pre-engineered steel buildings (PEBs) are a popular choice for storage, logistics, and distribution centers due to their low cost, fast construction, and minimal foundation requirements.

Infrastructure Projects: Metro stations, railway platforms, airports, and terminals require durable, expansive structures, which steel is perfectly suited for.

Institutional Buildings: Hospitals, universities, schools, and research centers depend on steel structures for stability, low maintenance, and future expansion possibilities.

Pre-Engineered Building (PEB) Concept

Pre-Engineered Buildings (PEBs) are modern steel structures where all components—like frames, purlins, girts, roofing and cladding—are pre-designed and factory-fabricated based on the building's requirements.These components are then shipped to the site for quick and easy assembly, without any on-site welding or cutting.

Main Structural Components of PEB

PEB buildings consist of three major structural profiles:

Primary Framing

- Includes columns and rafters
- Made from welded steel plates forming tapered I-sections
- Carries the main load of the structure

Secondary Framing

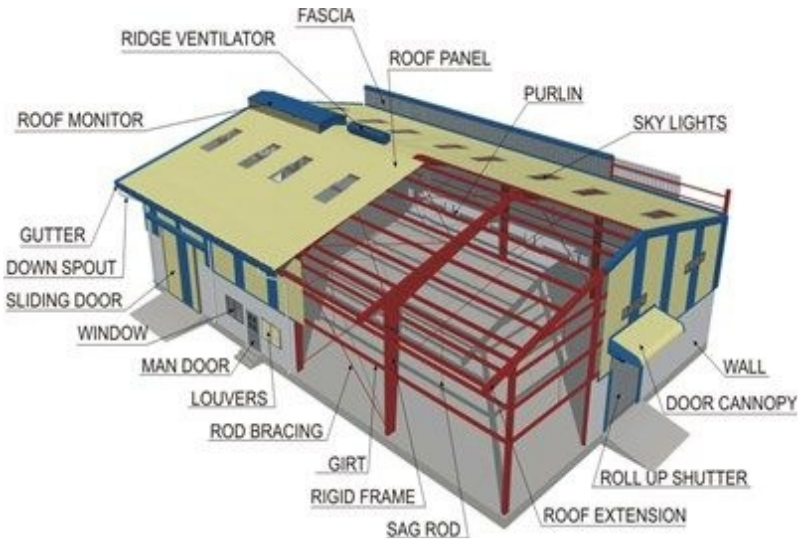
- Includes purlins, girts, and bracings
- Supports roof and wall panels
- Provides stability and transfers loads to the primary frame

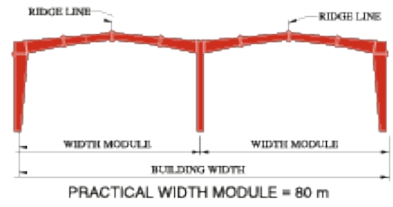
Cladding

- Metal wall panels or sheets
- Provides protection and aesthetic appeal
- Available in various profiles and finishes

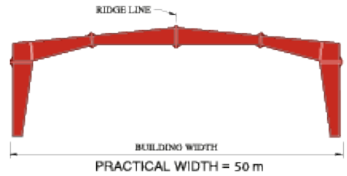
Roofing

- Pre-coated or insulated steel sheets
- Designed for drainage, insulation, and weather protection
- Installed over purlins for efficient load transfer

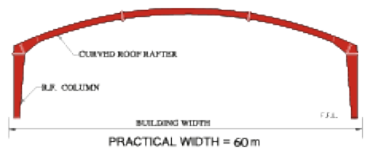




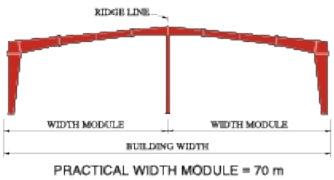
Multi-Gable (MG)



Clear Span (CS)



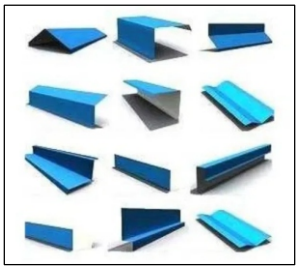
Arched Clear-Span (AS)



Multi-Span "1" (MS-1)

OUR PRODUCTS

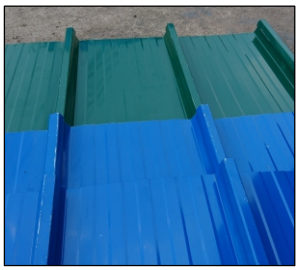
Pre - Engineered Buildings



Flashings

Louvers

Turbo Ventilators

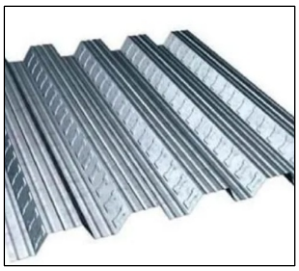


Clip Lock Profile

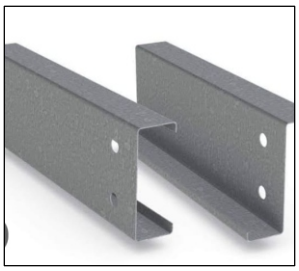
PEB Warehouse

MS Anchor Bolts

Solar Panel Mounting Structure



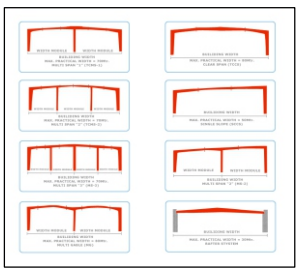
Deck Sheet



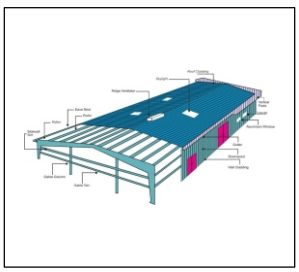
C & Z Purlins

Self Drill Screws with EPDM Washer

Color Coated Sheet



Primary Framing System



Secondary Framing System

Crimp Sheet

Pre - Fabricated Sturcture Manufactuers

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