MBS

ROOFINGS & PRE ENGINEERED BUILDING

Strength in Structure, Elegance in Design

SINCE 1998

PRE ENGINEERED BUILDINGS

SMART STEEL SOLUTIONS FOR INDUSTRIAL, COMMERCIAL & INFRASTRUCTURE PROJECTS



FASTER CONSTRUCTION

STRONGER STRUCTURES

SMARTER SOLUTIONS

www.mbsroofing.com

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WHAT IS A PRE-ENGINEERED BUILDING?

A Pre-Engineered Building (PEB) is a steel structure engineered using advanced software, fabricated under controlled factory conditions, and assembled at the project site. Every structural component is designed for optimum strength, reduced weight, faster installation, and long service life.

PEBs are commonly used for warehouses, factories, logistics parks, commercial buildings, and industrial infrastructure.

WHY CHOOSE MBS?

ESTABLISHED SINCE 1998

Decades of trust, experience and excellence.

COMPLETE DESIGN TO INSTALLATION

End-to-end turnkey solutions under one roof.

MODERN MANUFACTURING

Advanced technology and state-of-the-art facilities.

QUALITY STEEL COMPONENTS

High-grade steel for superior strength and durability.

FAST PROJECT DELIVERY

On-time delivery with efficient planning and execution.

COST OPTIMIZED ENGINEERING

Smart engineering for better value and savings.

CUSTOMIZED SOLUTIONS

Tailor-made designs to suit your unique requirements.

EXPERIENCED TECHNICAL TEAM

Skilled professionals ensuring precision and quality.

OUR PROCESS – FROM CONCEPT TO COMPLETION

01 **DESIGN**
Conceptual design as per your requirements.

02 **ENGINEERING**
Advanced engineering & detailing using latest software.

03 **FABRICATION**
Precision fabrication in our advanced manufacturing unit.

04 **QUALITY INSPECTION**
Rigorous quality checks at every stage.

05 **DELIVERY**
Safe and timely delivery to project site.

06 **ERECTION**
Quick and efficient erection by our expert team.

07 **HANDOVER**
Project handover with commitment and support.

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PEB SOLUTIONS WE OFFER

Versatile, cost-effective and future-ready Pre-Engineered Buildings designed to meet diverse industrial, commercial and infrastructure needs with speed and precision.



01 INDUSTRIAL BUILDINGS

Manufacturing plants and production units built for performance and durability.



02 WAREHOUSES

Distribution centers and storage facilities designed for efficient operations.



03 LOGISTICS PARKS

Large clear-span storage buildings for large-scale logistics and supply chain.



04 COMMERCIAL BUILDINGS

Showrooms, retail spaces and office buildings with modern design and functionality.



05 AIRCRAFT HANGARS

Large-span steel structures built for aircraft shelter, maintenance and operations.



06 AGRICULTURAL BUILDINGS

Storage sheds, processing units and farm buildings for modern agricultural needs.

CUSTOMIZED SOLUTIONS FOR EVERY INDUSTRY

- CUSTOM DESIGN TO SUIT YOUR NEEDS
- PREMIUM QUALITY STEEL STRUCTURES
- FASTER CONSTRUCTION & DELIVERY
- COST EFFECTIVE SOLUTIONS
- BUILT FOR STRENGTH, SAFETY & LONG LIFE

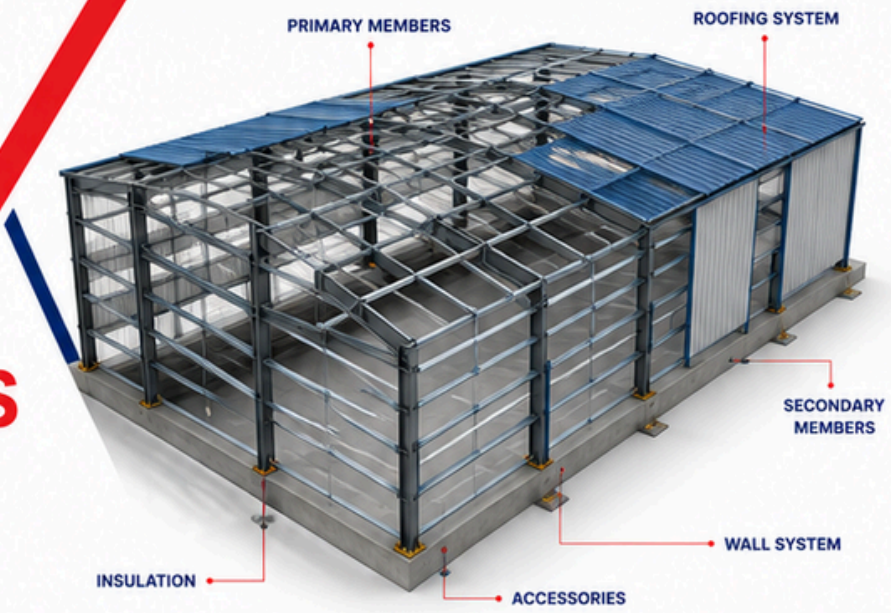
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STRUCTURAL COMPONENTS & & SPECIFICATIONS

Engineered for strength, precision and durability. Every component designed to deliver performance and long life.



1 PRIMARY MEMBERS



BUILT-UP COLUMNS

High strength columns designed for heavy loads and stability.



BUILT-UP RAFTERS

Optimized for maximum spans with minimum weight.



END WALL COLUMNS

Designed to resist wind loads and provide structural strength at gable ends.

2 SECONDARY MEMBERS



Z PURLINS

Used for roof sheeting support with high strength and durability.



C PURLINS

Ideal for wall sheeting support with uniform load distribution.



EAVE STRUTS

Provides support to the purlins at the eave for added stability.



GIRTS

Used for wall support to withstand wind loads and ensure rigidity.

3 ROOFING SYSTEM



PPGI ROOFING SHEETS

Pre-painted Galvanized Iron sheets for long life and weather resistance.



PPGL ROOFING SHEETS

Pre-painted Galvalume sheets for superior corrosion resistance.



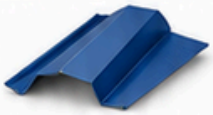
STANDING SEAM ROOFING

Concealed fastener system for leak-proof and premium roofing solution.



SANDWICH PANELS

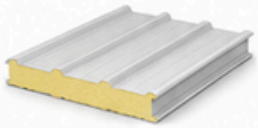
Insulated panels for thermal efficiency and energy savings.



RIDGE & FLASHINGS

Ensures water-tightness and enhanced protection at joints and edges.

4 INSULATION



PUF PANELS

High insulation with excellent thermal performance.



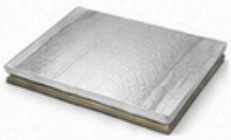
ROCKWOOL

Fire resistant insulation with high density.



GLASSWOOL

Cost effective insulation with good thermal efficiency.



XLPE

Cross-linked polyethylene foam for heat and sound insulation.



BUBBLE INSULATION

Lightweight insulation for heat reflection and moisture barrier.

5 ACCESSORIES



TURBO VENTILATORS

Enhances air circulation and reduces heat inside the building.



SKYLIGHTS

Allows natural daylight to reduce energy consumption.



LOUVERS

Provides ventilation and maintains air quality.



MEZZANINE FLOORS

Utilizes vertical space for storage or office purposes.



ROLLING SHUTTERS

Secure and easy access for industrial and commercial use.



CANOPIES

Provides protection at entrances and loading areas.



GUTTERS

Efficient water drainage from roof surfaces.



DOWN TAKE PIPES

Directs rainwater safely to the ground drain system.

ENGINEERED FOR STRENGTH | PRECISION MANUFACTURED | QUALITY ASSURED | FASTER INSTALLATION | SUSTAINABLE BUILDING SOLUTIONS

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TECHNICAL ADVANTAGES

SMARTER CHOICE. STRONGER FUTURE. >>>

PEB VS CONVENTIONAL RCC

FEATURES	PEB	CONVENTIONAL RCC
Construction Speed	Faster Construction	Slow Construction
Structure Weight	Lightweight Structure	Heavy Structure
Precision	Factory Precision	Site Dependent
Flexibility	Expandable	Difficult Expansion
Seismic Performance	Earthquake Friendly	Heavy Load
Maintenance	Lower Maintenance	Higher Maintenance
Span Capability	Better Span	Limited Span

KEY BENEFITS

- Faster Project Completion
- Cost Effective
- High Strength Steel
- Longer Clear Span
- Corrosion Resistant
- Low Maintenance
- Sustainable Construction
- Easy Future Expansion
- Energy Efficient
- Precision Engineered

TYPICAL SPECIFICATIONS

STEEL GRADE	IS 2062 / Equivalent High Strength Steel
ROOF SLOPE	5° – 10°
ROOFING	0.47 – 0.60 mm PPGI / PPGL
PURLINS	Z & C Sections
CONNECTION	High Tensile Bolts
DESIGN CODES	• IS 800 • IS 875 • IS 1893



FASTER CONSTRUCTION | COST EFFECTIVE | SAFE & RELIABLE | SUSTAINABLE SOLUTION | HIGHER PERFORMANCE | ENGINEERED TO PERFECTION

Specifications may vary depending on project requirements.

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WHY INDUSTRIES TRUST MBS

Delivering high-performance Pre-Engineered Buildings that empower industries to grow stronger, faster and smarter.

INDUSTRIES WE SERVE

- MANUFACTURING
- AUTOMOBILE
- LOGISTICS
- TEXTILE
- FOOD PROCESSING
- PHARMA
- ENGINEERING
- FMCG
- AGRICULTURE
- COLD STORAGE

WHY MBS?

- Customized Engineering
- Superior Quality
- Fast Delivery
- Experienced Team
- Reliable Service
- Complete Turnkey Solutions



- ADVANCED TECHNOLOGY
- PRECISION ENGINEERING
- QUALITY ASSURED
- ON-TIME COMPLETION

CONTACT US

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