



**Designer & Manufacturer of
Pre-Engineered Buildings,
Structural Steel and
Sandwich Panels**

MBS

MEMAAR BUILDING SYSTEMS

CORPORATE PROFILE



Executed
more than
8,000 projects
across **100**
countries,
with over
50,000
buildings
worldwide

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Who We Are

Memaar Building Systems (MBS), is a leading force since 2002 in the industries of Pre-Engineered Steel Buildings (PEB), Structural Steel and Sandwich Panels.

MBS is one of the most dynamic PEB companies in the region, actively driven by a clear focus in operational superiority, talent acquisition and advance technological innovation. Precision engineering, advanced technology, and adherence to International design codes are the foundation of our strength.

With an annual production capacity of 100,000 MT of steel and 1,800,000 m² of sandwich panels, MBS is among the World's top PEB companies. Our portfolio of 50,000+ buildings delivered to more than 100 countries globally is a testament of our product quality, engineering excellence and manufacturing performance.



MBS quality systems are certified according to ISO 9001, 14001, 45001 and ISO 3824 Part 2 certifications.

MBS follows the latest American, Indian, Saudi and other International design codes and standards when designing its buildings and uses state of the art software and equipment to ensure accurate manufacturing and rapid problem free erection.

MBS products are also in compliance of EN1090 & EN14509, qualifying us to design, manufacture and supply Steel Buildings in compliance to the European Construction Product Regulations and affix the CE mark on MBS products.

Mission

Our Mission is consistently to be the preferred partner of steel building ecosystem (end-users, consultants, contractors). We give value for clients' investment by ensuring high-quality buildings, supported by accurate engineering designs.

We believe that our people are the foundation of our excellence. Our continuous investment in people is essential for our growth and evolvement.

Vision

To revolutionize the construction industry by providing innovative, sustainable, and cost-effective steel building solutions that exceed our clients' expectations. We aim to be at the forefront of technological and engineering excellence. Our purpose is to be the preferred choice for customers seeking superior quality, timely delivery, and unparalleled customer service, while continually pushing the boundaries of engineering excellence and environmental responsibility.

Core Values

At MBS, we are guided by a set of core values that define who we are and how we operate. These values serve as the foundation of our company culture and shape every aspect of our business:

- Safety first
- Commitment to excellence
- Customer centric approach
- Innovation and adaptability
- Environmental responsibility
- Continuous improvement
- Integrity and transparency



Key Sectors

MBS excels in diverse market sectors and provides tailored solutions from robust structures to precision-engineered solutions. Our expertise covers wide spectrum of industries:

Industrial
Agricultural
Logistics
Oil & Gas

Real Estate
Aviation
Food & Beverage
Institutional

High-Rise buildings
Healthcare
Retails
Automobile





MBS Factory and Facilities

MBS Head Office and factory are located in Hamriyah Free Zone Sharjah, United Arab Emirates.

Our **production chain layout** has been carefully designed and automated to extract maximum efficiencies and productivity. Our **precision machineries** sit at the forefront of technological innovation; our **well-organized infrastructure system** allows seamless workflow and resource optimization. Our **significant production capabilities**, supported by advanced machinery and a versatile layout, enable MBS to handle large-scale and complex projects.

With a commitment to meeting the highest industry standards, our blasting and painting facilities provide a streamlined and technologically advanced solution for achieving optimal coating adhesion and long-lasting durability in steel structures. These facilities are fully automated, utilizing latest machinery and processes to ensure precision and consistency in every aspect of the blasting and painting procedures.



PRODUCTS

Pre-Engineered Building Systems (PEB)

PEB by MBS are engineered with precision and are built to exceed customer expectations and to meet all diverse design and user needs. The standard MBS PEB typically consists of built-up columns and rafters, purlins, girts, roof and wall elements. All materials used are of high quality and verified by our Quality Control department.





Advantages of MBS PEB

- Cost-efficient design with a lighter structure
- Single-source total building solutions
- Guaranteed 6-8 weeks production time
- Superior quality through controlled factory conditions
- Longer clear span options (without interior columns)
- Low maintenance requirements
- Ease of expansion without disrupting the existing structure
- Minimized construction waste
- Highly energy-efficient and recyclable

Versatile Applications

MBS PEB structures are not just buildings; they are tailored solutions, delivering quality, efficiency, and flexibility across sectors. PEB offers versatility in various applications such as:

- Warehouses
- Factory buildings
- Showrooms
- Shopping centers
- Supermarkets
- Distribution centers
- Exhibition halls
- Aircraft hangars
- Cold storage
- Parks and sports centers
- Office buildings
- Labor camps
- Residential buildings
- Multi-story buildings
- Educational buildings
- Car parking

Parameters & Primary Framing Systems



CLEAR SPAN (CS)



MONO SLOPE



ROOF SYSTEM (RS)



MULTISPAN "1" (MS-1)
(1 Interior Column)



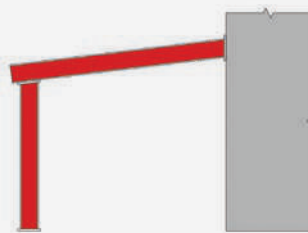
MULTISPAN "2" (MS-2)
(2 Interior Columns)



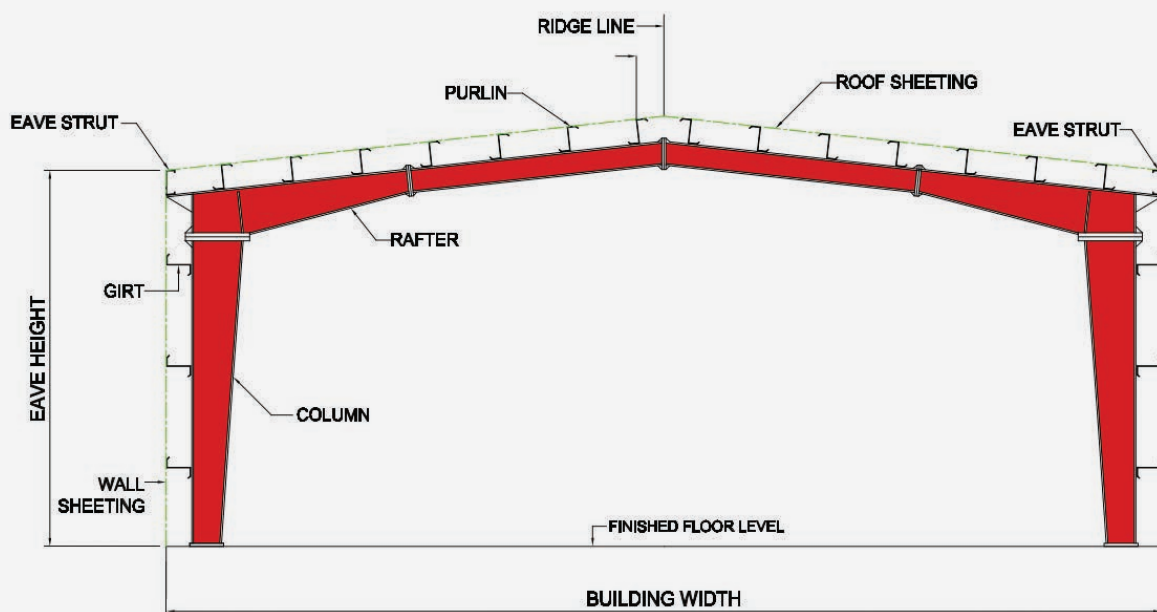
MULTISPAN "3" (MS-3)
(3 Interior Columns)



MULTIGABLE "1" (MG-1)
(1 Interior Column)



LEAN-TO (LT)



FRAME CROSS SECTION

PRODUCTS

Structural Steel

MBS's Structural Steel Division is equipped to provide high-quality structural steel buildings tailored for specific needs. Our capabilities extend to various sectors, including but not limited to:

- Desalination Plants
- Power Plants
- Steel Mills
- Petro Chemical Plants
- High Rise Buildings
- Stadiums
- Bridges
- Pipe Racks System
- Equipment supporting structures



PRODUCTS

Panels

MBS specializes in producing single skin panels, sandwich panels, trims and flashing with excellent connections for robust structural strength and weather tightness. Produced from pre-painted aluzinc coated steel or aluminium sheets.

Single Skin Panel is ideal for agricultural, commercial, and industrial buildings. MBS single skin profiled sheets are versatile for roof and wall applications. Available in M45-250 and M45-150, steel panels conform to ASTM A792 Grade 340 Class I, with an aluminium zinc alloy coating for superior corrosion resistance. Aluminium panels come in alloy AA3105, featuring pre-painted options for added durability.

Sandwich Panels use rigid polyurethane (PUR) and polyisocyanurate (PIR) foam, meeting construction industry standards for cost-effective building systems. PIR offers enhanced fire performance, reduced combustibility, and a higher working temperature limit compared to PUR. Available in various thicknesses from 35mm to 150mm, MBS sandwich panels feature top and bottom profiles, including M45-250, M45-150, and Micro Ribbed. Applications include industrial, commercial buildings, cold storage, food supply sector, etc.





Key Advantages

- Thermal insulation
- Impact resistance and stability
- Fire retardant-Self Extinguishing
- Lightweight and space-saving
- Low maintenance and long life
- Fast delivery (automated manufacturing)
- Long length and wide spans (rapid erection)
- Environmentally and Ozone friendly (CFC and HCFC free)

Sandwich Panels from MBS are produced in the factory using state-of-the-art machinery and certified by internationally recognized notified bodies such as Thomas Bell-Wright and Efectis.

MBS implements a quality control and in-process inspection plan. Key production is monitored and controlled against internationally recognized tolerances.

MBS boasts its own onsite testing laboratory equipped with most advanced instruments, including a heat flow meter, ignitability test apparatus (Single Flame Source test), compression strength tester, and Tension adhesion tester. These instruments allow testing of certain required properties in accordance with BS EN 13165 and EN 14509 standard regulations applicable for product conformity certifications.

Trims and Flashing are essential components used in roof and walls. That includes eave trim, eave gutter, curved eave panels, downspouts, etc.

PRODUCTS

Subsystems and Accessories

Crane System

Two out of every five metal building systems are constructed for manufacturing facilities where cranes are needed for material handling.

MBS buildings can be designed to support any required crane system. Overhead traveling cranes, up to 15 metric tons are supported on brackets, while higher capacities are typically supported by an independent support system.

A building crane is a complex structural system which consists of the crane with the trolley and hoist, crane rails with their fastenings, crane runway beams, structural supports, stops and bumpers.

We require the customers complete crane system information in order to design and estimate buildings with cranes. The estimate for adding a crane system to a metal building consists of:

- Strengthening the buildings main frames to support the crane load
- Supplying the crane brackets and crane runway beams that support the crane system

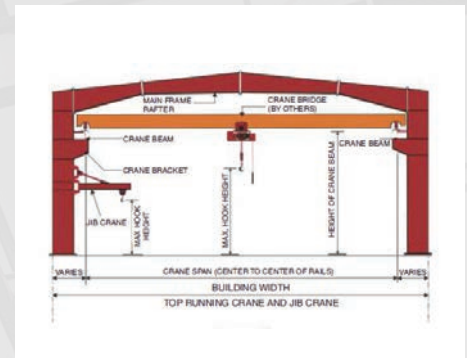
Mezzanine Systems

A **mezzanine system** normally includes mezzanine columns, beams, joists, deck panels and edge angles, designed to withstand the mezzanine live load, the weight of reinforced concrete slabs and the weight of the deck panel. Additional dead loads and collateral loads, if present, must be communicated to MBS in order to be considered in the mezzanine design. Please note that MBS does not provide slab designs.

Staircase with handrails are offered as an option, in a knocked down condition, for field assembly. Staircases may be single or double flight and with or without an intermediate landing.

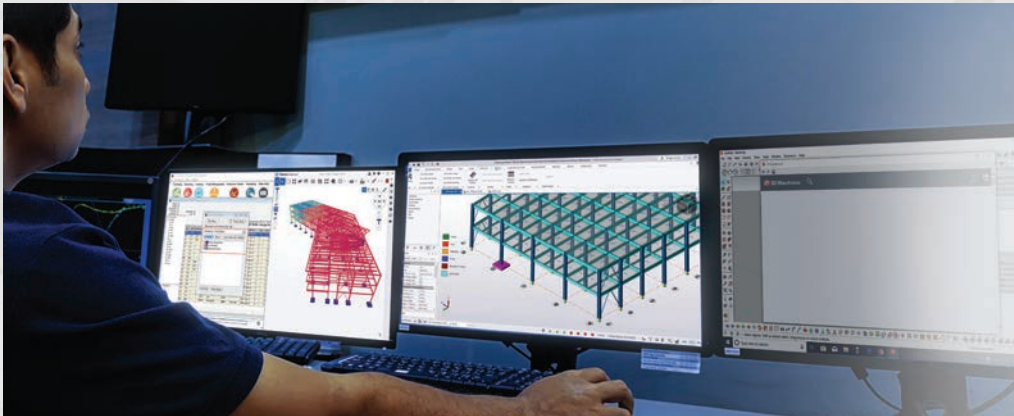
Roof extensions, canopies, fascia, etc. can be designed based on customer request.

MBS also offering various **building system accessories** such as personnel doors, sliding doors or rollup doors, adjustable steel louvers or fixed louvers, sand trap louvers, windows, translucent panels, roof monitors, ridge ventilators, power ventilators, roof curbs, insulation, suspended ceilings, etc.



Design and Detailing

- MBS upholds precision and quality in design and engineering, aligning with leading industry codes such as IBC, ASCE, MBMA, AISC, AISI, AWS, Saudi Building codes, Eurocodes, Indian Codes, etc.
- Frame members meet AISC Steel Construction manual standards, guaranteeing structural integrity
- Cold-formed members adhere to AISI Cold Formed Steel Design Manual guidelines
- Welding follows AWS Structural Welding Code for Steel, ensuring welder qualification and certification
- Leveraging advanced 3D design & detailing technology with software like STAAD.PRO, TEKLA, Autodesk Robot, ZWCAD, Idea StatiCa, MBS minimizes errors and provides clients with clear project visualizations
- Load combinations are applied as per IBC / ASCE / MBMA / Eurocode / Saudi Building Code following the project specifications



STAAD.Pro

Tekla

AUTODESK
Robot Structural Analysis
Professional

ZWCAD

IDEA StatiCa

mbs

SketchUp

SAP2000

ETABS

Bentley
RAM Connection

RF

Sales & Customer Excellence

At MBS, we believe in building long-term relationships with our customer's based on mutual trust, support, and shared goals. Our sales team takes time to understand each customer's unique challenges and requirements. Honesty and Integrity are our core values and we encourage transparent communication, fair pricing, and a commitment to delivering on promises. Each proposal is accompanied by a competitive quotation and detailed drawings. Once the contract is signed, our sales team collaborates closely with Customer Excellence Department to ensure a seamless project execution experience for our customers.

The professionalism and dedication of our customer excellence engineers ensures strong collaboration between sales, engineering and production throughout the project lifecycle.

Efficient Delivery

Situated in the strategic Hamriyah Free Zone, MBS manufacturing facility is optimally positioned for seamless and cost efficient deliveries across the UAE and worldwide.

Prioritizing precision in logistics, all materials slated for delivery undergo meticulous part-marking and cross-referencing, ensuring effortless and accurate identification.

Adhering to defined erection sequences for site requirements, materials are loaded onto specially designed forklift racks, enhancing both on-site unloading efficiency and the streamlined commencement of the erection process.

This meticulous approach in delivery underscores MBS's commitment to efficiency and precision from start to finish.



Quality Management System

Quality at MBS is more than just a set of procedures; it's a commitment to deliver products of the highest quality that consistently exceed our customers' expectations and meet all regulatory requirements. At MBS, quality is the cornerstone of our business. Our highly qualified and certified team of QC inspectors ensure that finished products are defect-free; of the highest quality; meeting the project specification; conform to all standards and regulations and adhere to industry best work practices.

Our Quality Management System is in conformance with the requirements of ISO certification and is regularly reviewed to ensure continual improvement in all aspects of our operations, it is independently verified by an internationally recognized certification body and continuously under review. We are committed to continually improving our Quality Management System to enhance overall performance and customer satisfaction.



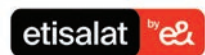


Environment, Health and Safety System

At MBS, people and safety are our core values, we are committed to operating our manufacturing facility in a manner that ensures the health and safety of our employees, protects the environment, and meets all regulatory requirements. We have adopted a process of continual improvement in environment, health, and safety (EHS), applying the ISO 14001 and ISO 45001 and are audited by a third party consultant and an internationally recognized certification body. We continuously monitor and upgrade our EHS systems to reach our target of zero injuries and incidents. We also remain deeply committed to the cause of environmental protection through rainwater conservation plans, reducing air, water and land pollution, managing waste generation and complying with environmental regulations.

We recognize our responsibility to integrate environmental, health, and safety considerations into all aspects of our business operations and to strive for continual improvement in our EHS performance.

Key Clients







Projects

MBS has executed more than 8,000 projects across 100 countries, with over 50,000 buildings worldwide.

Collaborating with a network of highly professional agents, representatives, builders and contractors, MBS ensures the successful completion of projects across the globe.



Logistic Centre

United Arab Emirates



Metro Depo

United Arab Emirates



Logistics & Distribution Centre

United Arab Emirates



Logistics Centre

United Arab Emirates



Steel Mill

Ethiopia



Steel Mill Plant

United Arab Emirates



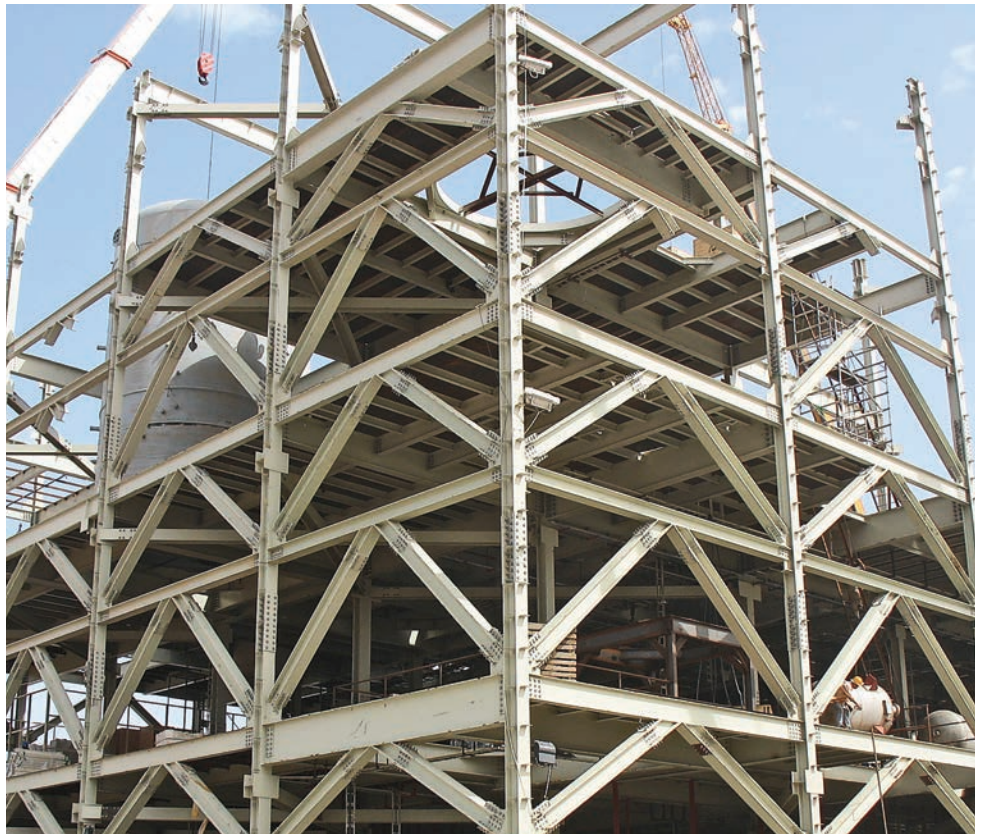
Animal Food Shed

New Zealand



Kindergarten & Primary School Canopy

United Arab Emirates



Industrial Facility

United Arab Emirates



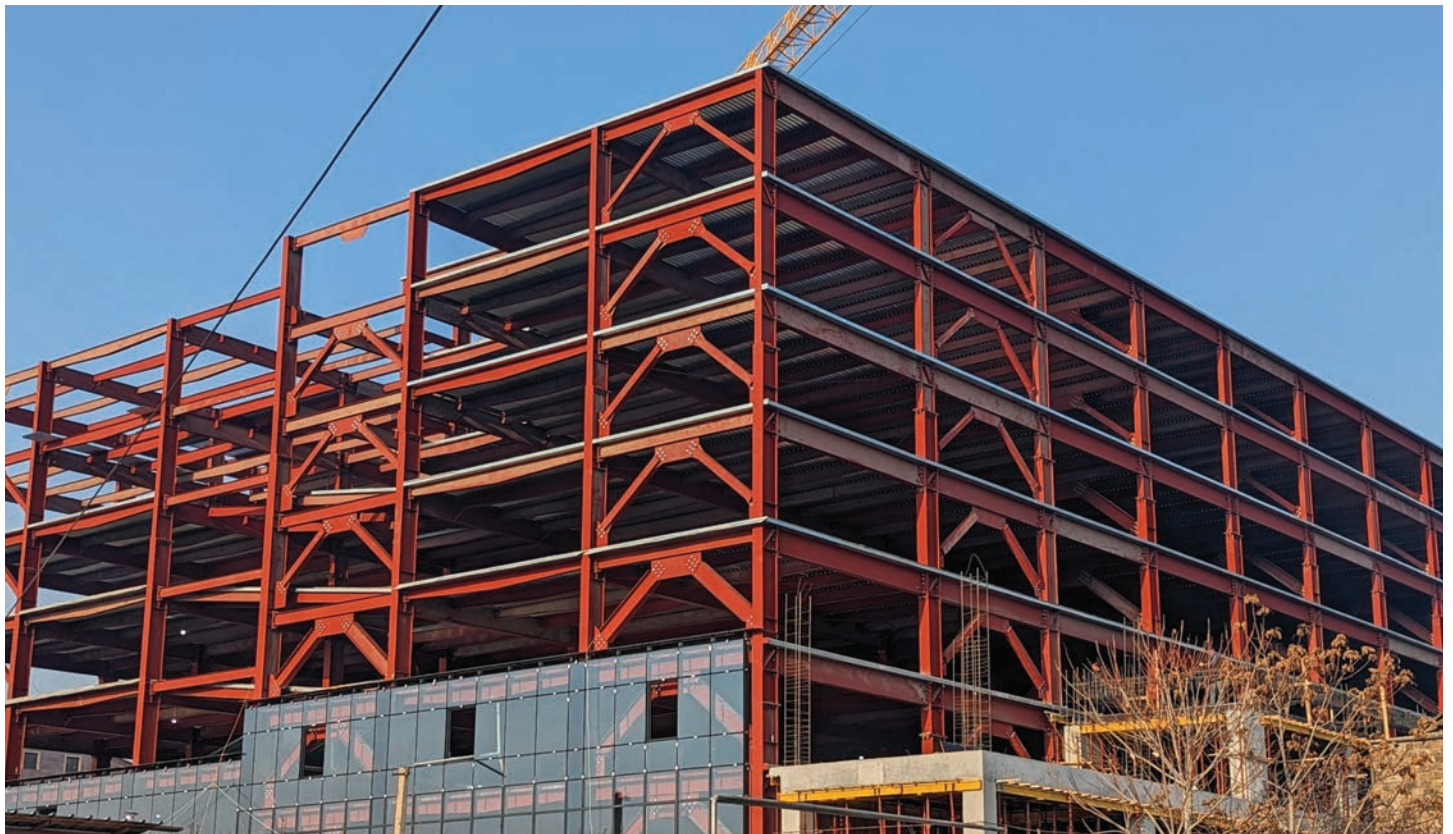
EOT Crane Unit

United Arab Emirates



Aircraft Hangar

Mauritania



Multi Story Car Parking

Armenia



Soap & Detergent Factory

Ghana



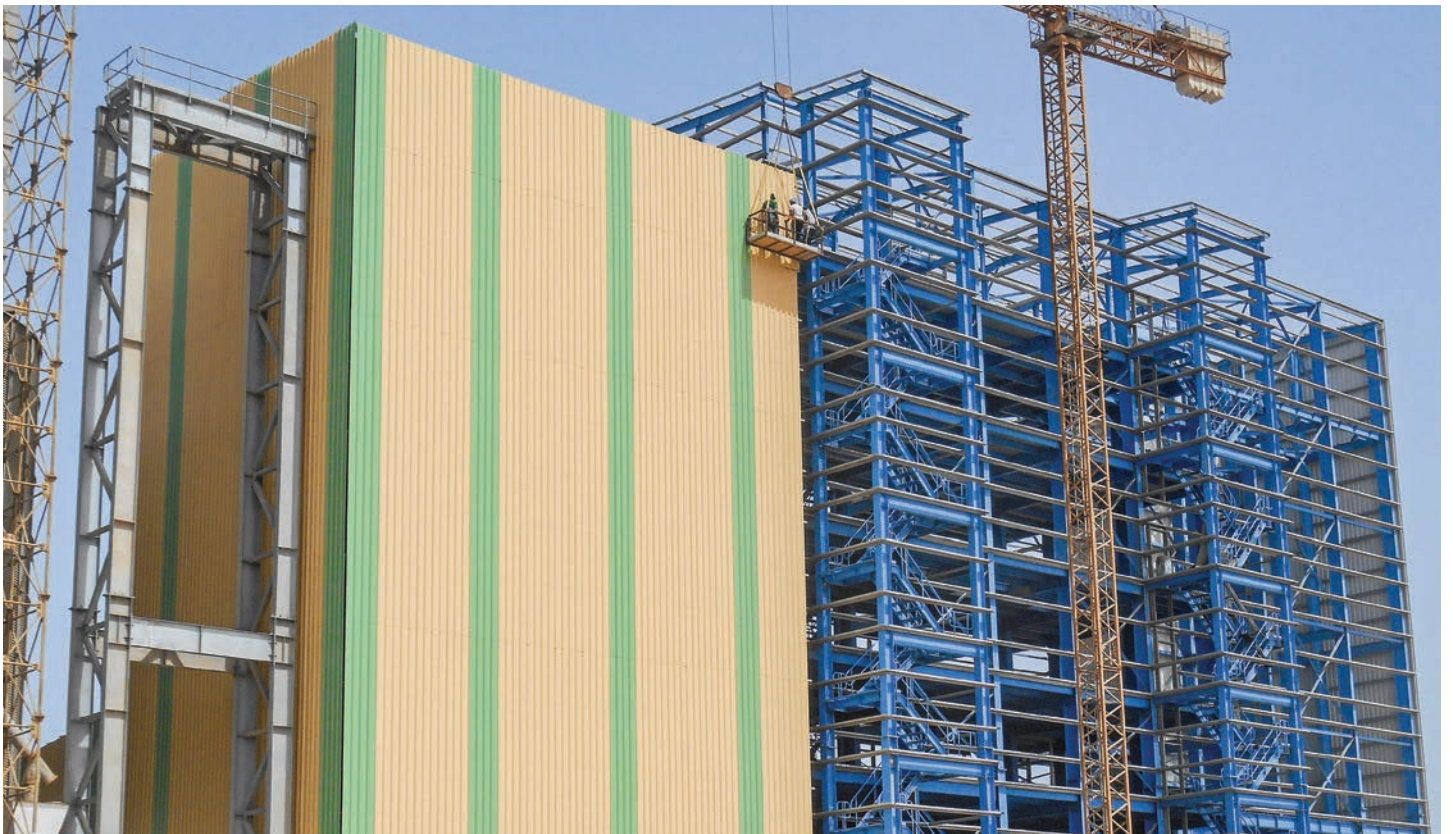
Juice Factory

Ivory Coast



Aluminium Factory

Georgia



Flour Mill

Mauritania



Beverage Factory

Somalia



Pipe Factory

Tanzania



Multifunctional Complex

Ghana



Pharmaceutical Factory

Sudan



Logistic Storage

United Arab Emirates



Amusement Park

Armenia



Fertilizer Plant

Togo



Bricks Factory

Oman



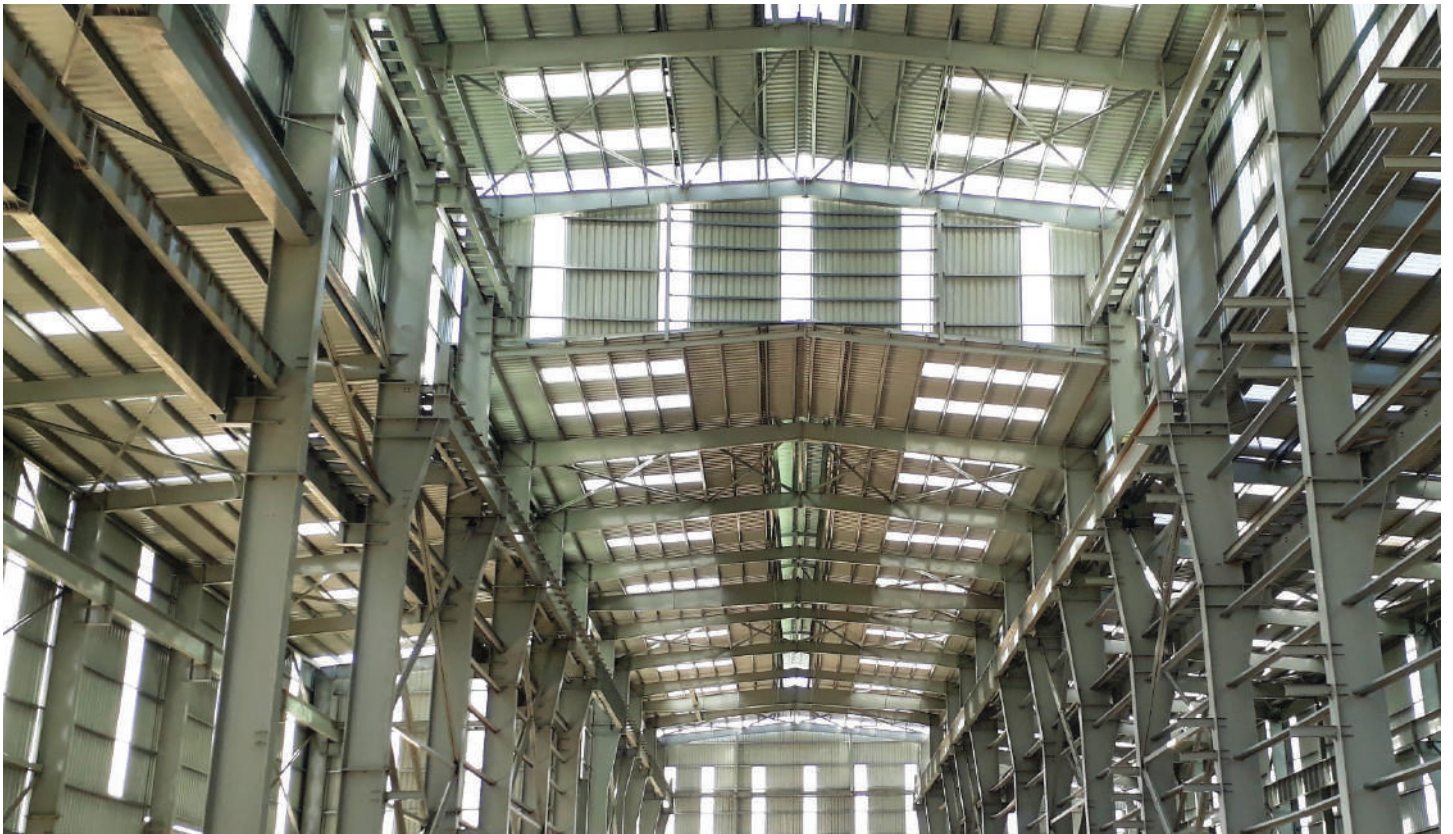
Warehousing Complex

Benin



Beverages Factory

Ivory Coast



Steel Production Complex

Ethiopia



Plastic Factory

Ghana



Cosmetics Warehouse

Ghana



Plastic Products Store

Ghana



Urea Bulk Warehouse & Conveyor

Nigeria



Service Center

Zambia



Automobile Production Facility

Pakistan



Cold Store

United Arab Emirates



Raw Sugar warehouse

Turkmenistan



Cable Factory

Tanzania



Shopping Mall

Ghana



Bottled Water Factory & Warehouse

Ghana



Retails Warehouse

Ghana



Carton Factory

Nigeria



Tube Production Factory

Uzbekistan



Warehouse

Togo



Animal Feed Factory

Ghana



Sports Complex

Pakistan



Cow Farm

Turkmenistan



Maize Mill Distribution Centre

Uganda



Trucks Service Center

Senegal



Residential Building

Tanzania



Indoor Sports Complex

United Arab Emirates



Power House

Tanzania



Industrial Factory

Nigeria



Warehouse

Georgia



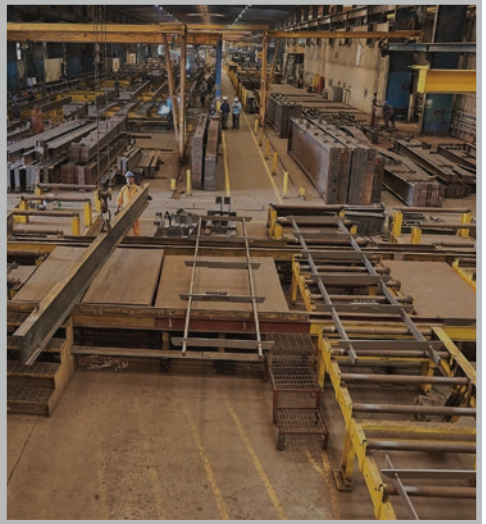
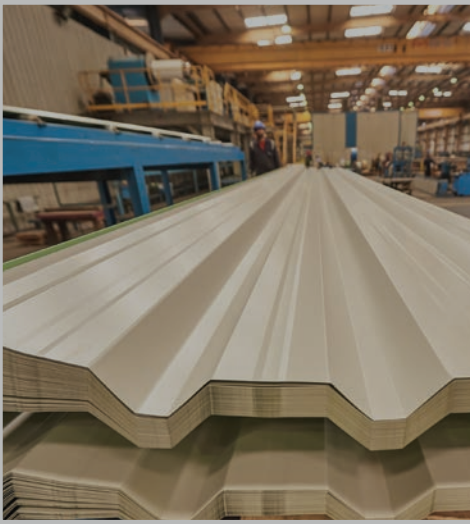
Production Hall

Pakistan



Showroom & Office

Seychelles





MBS

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