

Prefabricated Building and Structural Steel Market Report by Component (Prefabricated Building, Structural Steel), End-Use Sector (Residential, Institutional, Commercial, Industrial), and Region 2024-2032

<https://marketpublishers.com/r/P47BAEDEE483EN.html>

Date: April 2024

Pages: 136

Price: US\$ 3,899.00 (Single User License)

ID: P47BAEDEE483EN

Abstracts

The global prefabricated building and structural steel market size reached US\$ 235.4 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 381.8 Billion by 2032, exhibiting a growth rate (CAGR) of 5.4% during 2024-2032.

Prefabricated buildings are manufactured in a factory and assembled on the construction site depending on the preference of an individual. They are made by assembling components, such as roofs, walls, and staircases, at off-sites by builders in specialized facilities. They are fabricated using numerous materials, including metal and wooden panels, glass, composites, plastics, and other reinforced plastics. They help save time and cost and eliminate the need for skilled workers to be present on the construction site. On the other hand, structural steel represents the basic framework wherein prefabricated parts are installed. It offers various advantages, such as durability, design flexibility, ease of expansion, weather resistance, efficient material utilization, minimal maintenance, and eco-friendly nature.

Prefabricated Building and Structural Steel Market Trends:

Significant growth in the construction industry, an increase in infrastructural activities, and technological advancements in the construction process represent one of the key factors positively influencing the market. In addition, rising awareness among individuals about the benefits of using prefabricated material and structural steel, such as flexibility, durability, energy efficiency, and faster completion, is creating a positive outlook for the market. Apart from this, the expansion of hotels, institutes, shopping complexes, and

high-rise buildings is catalyzing the demand for these materials to enhance the durability of infrastructure. In line with this, the widespread adoption of prefabricated materials in temporary construction facilities, office spaces, medical camps, evacuation centers, schools, apartment blocks, and single-detached houses is offering lucrative growth opportunities to manufacturers. Furthermore, the shifting focus toward waste management and minimizing harmful emissions are increasing the adoption of green building practices, which, in turn, is driving the demand for these materials. Moreover, the increasing traction of smart cities is catalyzing the demand for prefabricated buildings and structural steel, which is expected to propel the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global prefabricated building and structural steel market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on component and end-use sector.

Breakup by Component:

Prefabricated Building

Floors and Roofs

Walls

Staircase

Panels and Lintels

Others

Structural Steel

H-Type Beam

Columns

I-Type Beam

Angles

Others

Floors and roofs currently dominate the prefabricated building market as prefabricated materials make them durable, reliable, and cost-effective. On the other hand, H-type beams hold the largest share of the structural steel market as they can bear larger loads and are more reliable for large-scale projects.

Breakup by End-Use Sector:

Residential

Institutional
Commercial
Industrial

On the basis of the end-use sector, the prefabricated building and structural steel market has been segmented into residential, institutional, commercial, and industrial.

Breakup by Region:

Asia Pacific
North America
Europe
Middle East and Africa
Latin America

The Asia Pacific enjoys the leading position in the market due to the growing population and the rising awareness among individuals about the benefits of constructing green buildings in the region.

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players.

Key Questions Answered in This Report

1. What was the size of the global prefabricated building and structural steel market in 2023?
2. What is the expected growth rate of the global prefabricated building and structural steel market during 2024-2032?
3. What has been the impact of COVID-19 on the global prefabricated building and structural steel market?
4. What are the key factors driving the global prefabricated building and structural steel market?
5. What is the breakup of the global prefabricated building market based on the component?
6. What is the breakup of the global structural steel market based on the component?
7. What are the key regions in the global prefabricated building and structural steel market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL PREFABRICATED BUILDING MARKET

- 5.1 Market Overview
- 5.2 Market Performance
 - 5.2.1 Volume Trends
 - 5.2.2 Value Trends
- 5.3 Impact of COVID-19
- 5.4 Price Structure Analysis
 - 5.4.1 Key Price Indicators
 - 5.4.2 Price Structure
 - 5.4.3 Price Trends
- 5.5 Market Breakup by Component
- 5.6 Market Breakup by Material Type
- 5.7 Market Breakup by Region
- 5.8 Market Breakup by End-Use Sector
- 5.9 Market Forecast

6 GLOBAL STRUCTURAL STEEL MARKET

- 6.1 Market Overview
- 6.2 Market Performance
 - 6.2.1 Volume Trends
 - 6.2.2 Value Trends
- 6.3 Impact of COVID-19
- 6.4 Price Structure Analysis
 - 6.4.1 Key Price Indicators
 - 6.4.2 Price Structure
 - 6.4.3 Price Trends
- 6.5 Market Breakup by Component
- 6.6 Market Breakup by Region
- 6.7 Market Breakup by End-Use Sector
- 6.8 Market Forecast

7 GLOBAL PREFABRICATED BUILDING MARKET: PERFORMANCE BY COMPONENT

- 7.1 Floors and Roofs
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Walls
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Staircase
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Panels and Lintels
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Others
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 GLOBAL STRUCTURAL STEEL MARKET: PERFORMANCE BY COMPONENT

- 8.1 H-Type Beam

- 8.1.1 Market Trends
- 8.1.2 Market Forecast
- 8.2 Columns
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 I-Type Beam
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Angles
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Others
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast

9 GLOBAL PREFABRICATED BUILDING AND STRUCTURAL STEEL MARKET: PERFORMANCE BY END-USE SECTOR

- 9.1 Residential
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
- 9.2 Institutional
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Commercial
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast
- 9.4 Industrial
 - 9.4.1 Market Trends
 - 9.4.2 Market Forecast

10 GLOBAL PREFABRICATED BUILDING AND STRUCTURAL STEEL MARKET: PERFORMANCE BY REGION

- 10.1 Asia Pacific
 - 10.1.1 Market Trends
 - 10.1.2 Market Forecast
- 10.2 North America
 - 10.2.1 Market Trends

- 10.2.2 Market Forecast
- 10.3 Europe
 - 10.3.1 Market Trends
 - 10.3.2 Market Forecast
- 10.4 Middle East and Africa
 - 10.4.1 Market Trends
 - 10.4.2 Market Forecast
- 10.5 Latin America
 - 10.5.1 Market Trends
 - 10.5.2 Market Forecast

11 SWOT ANALYSIS

- 11.1 Overview
- 11.2 Strengths
- 11.3 Weaknesses
- 11.4 Opportunities
- 11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

- 13.1 Overview
- 13.2 Bargaining Power of Buyers
- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
 - 14.2.1 Prefabricated Building Industry
 - 14.2.2 Structural Steel Industry

15 KEY PLAYER PROFILES

List Of Tables

LIST OF TABLES

Table 1: Global: Prefabricated Building Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Structural Steel Market: Key Industry Highlights, 2023 and 2032

Table 3: Global: Prefabricated Building Market Forecast: Breakup by Component (in Million US\$), 2024-2032

Table 4: Global: Structural Steel Market Forecast: Breakup by Component (in Million US\$), 2024-2032

Table 5: Global: Prefabricated Building and Structural Steel Market Forecast: Breakup by End-Use Sector (in Million US\$), 2024-2032

Table 6: Global: Prefabricated Building and Structural Steel Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 7: Global: Prefabricated Building and Structural Steel Market: Competitive Structure

Table 8: Global: Prefabricated Building Market: Key Players

Table 9: Global: Structural Steel Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Prefabricated Building and Structural Steel Market: Major Drivers and Challenges

Figure 2: Global: Prefabricated Building Market: Volume Trends (in Million Units), 2018-2023

Figure 3: Global: Prefabricated Building Market: Value Trends (in Billion US\$), 2018-2023

Figure 4: Global: Prefabricated Building Market: Average Price Trends (in US\$/Unit), 2018-2023

Figure 5: Global: Prefabricated Building Market: Price Structure Analysis

Figure 6: Global: Prefabricated Building Market: Breakup by Component (in %), 2023

Figure 7: Global: Prefabricated Building Market: Breakup by Region (in %), 2023

Figure 8: Global: Prefabricated Building Market: Breakup by End-Use Sector (in %), 2023

Figure 9: Global: Prefabricated Building Market Forecast: Volume Trends (in Million Units), 2024-2032

Figure 10: Global: Prefabricated Building Market Forecast: Value Trends (in Billion US\$), 2024-2032

Figure 11: Global: Structural Steel Market: Volume Trends (in Million Tons), 2018 & 2023

Figure 12: Global: Structural Steel Market: Value Trends (in Billion US\$), 2018 & 2023

Figure 13: Global: Structural Steel Market: Average Price Trends (in US\$/Ton), 2018 & 2023

Figure 14: Global: Structural Steel Market: Price Structure Analysis

Figure 15: Global: Structural Steel Market: Breakup by Component (in %), 2023

Figure 16: Global: Structural Steel Market: Breakup by Region (in %), 2023

Figure 17: Global: Structural Steel Market: Breakup by End-Use Sector (in %), 2023

Figure 18: Global: Structural Steel Market Forecast: Volume Trends (in Million Tons), 2024-2032

Figure 19: Global: Structural Steel Market Forecast: Value Trends (in Billion US\$), 2024-2032

Figure 20: Global: Prefabricated Building (Floors and Roofs) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 21: Global: Prefabricated Building (Floors and Roofs) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 22: Global: Prefabricated Building (Walls) Market: Value Trends (in Million US\$),

2018 & 2023

Figure 23: Global: Prefabricated Building (Walls) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 24: Global: Prefabricated Building (Staircase) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 25: Global: Prefabricated Building (Staircase) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 26: Global: Prefabricated Building (Panels and Lintels) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 27: Global: Prefabricated Building (Panels and Lintels) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 28: Global: Prefabricated Building (Other Components) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 29: Global: Prefabricated Building (Other Components) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 30: Global: Structural Steel (H-Type Beam) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 31: Global: Structural Steel (H-Type Beam) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 32: Global: Structural Steel (Columns) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 33: Global: Structural Steel (Columns) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 34: Global: Structural Steel (I-Type Beam) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 35: Global: Structural Steel (I-Type Beam) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 36: Global: Structural Steel (Angles) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 37: Global: Structural Steel (Angles) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 38: Global: Structural Steel (Other Components) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 39: Global: Structural Steel (Other Components) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 40: Global: Prefabricated Building and Structural Steel (Residential Application) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 41: Global: Prefabricated Building and Structural Steel (Residential Application) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 42: Global: Prefabricated Building and Structural Steel (Institutional Application) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 43: Global: Prefabricated Building and Structural Steel (Institutional Application) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 44: Global: Prefabricated Building and Structural Steel (Commercial Application) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 45: Global: Prefabricated Building and Structural Steel (Commercial Application) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 46: Global: Prefabricated Building and Structural Steel (Industrial Application) Market: Value Trends (in Million US\$), 2018 & 2023

Figure 47: Global: Prefabricated Building and Structural Steel (Industrial Application) Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 48: Asia Pacific: Prefabricated Building and Structural Steel Market: Value Trends (in Million US\$), 2018 & 2023

Figure 49: Asia Pacific: Prefabricated Building and Structural Steel Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 50: North America: Prefabricated Building and Structural Steel Market: Value Trends (in Million US\$), 2018 & 2023

Figure 51: North America: Prefabricated Building and Structural Steel Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 52: Europe: Prefabricated Building and Structural Steel Market: Value Trends (in Million US\$), 2018 & 2023

Figure 53: Europe: Prefabricated Building and Structural Steel Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 54: Middle East and Africa: Prefabricated Building and Structural Steel Market: Value Trends (in Million US\$), 2018 & 2023

Figure 55: Middle East and Africa: Prefabricated Building and Structural Steel Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 56: Latin America: Prefabricated Building and Structural Steel Market: Value Trends (in Million US\$), 2018 & 2023

Figure 57: Latin America: Prefabricated Building and Structural Steel Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 58: Global: Prefabricated Building and Structural Steel Industry: SWOT Analysis

Figure 59: Global: Prefabricated Building and Structural Steel Industry: Value Chain Analysis

Figure 60: Global: Prefabricated Building and Structural Steel Industry: Porter's Five Forces Analysis

I would like to order

Product name: Prefabricated Building and Structural Steel Market Report by Component (Prefabricated Building, Structural Steel), End-Use Sector (Residential, Institutional, Commercial, Industrial), and Region 2024-2032

Product link: <https://marketpublishers.com/r/P47BAEDEE483EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/P47BAEDEE483EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970