+357 96 030922
info@marketpublishers.com

Green Building Materials Market Forecasts to 2032 – Global Analysis By Component (Products and Services), Type, Material Type, Construction Type, Application, End User and By Geography

https://marketpublishers.com/r/G275FA0F2C61EN.html
Date: November 2025
Pages: 200
Price: US$ 4,150.00 (Single User License)
ID: G275FA0F2C61EN

Abstracts

According to Stratistics MRC, the Global Green Building Materials Market is accounted for $551.67 billion in 2025 and is expected to reach $1406.06 billion by 2032 growing at a CAGR of 14.3% during the forecast period. Green building materials refer to eco-friendly construction products designed to reduce environmental impact across their life span. Made from sustainable or recycled sources, these materials improve energy efficiency, minimize resource consumption, and contribute to healthier indoor environments. Common examples include bamboo, recycled steel, reclaimed timber, and non-toxic paints. Their use promotes sustainable construction by lowering carbon footprints and supporting long-term environmental and human health.

According to an article published by the World Economic Forum in September 2024, innovative building practices and materials are adept at reducing carbon emissions, as buildings contribute to nearly 40% of global energy-related emissions.

Market Dynamics:

Driver:

Rising environmental awareness & climate goals

Governments and organizations are implementing stricter sustainability regulations, encouraging the use of eco-friendly construction materials. The rising demand for energy-efficient infrastructure and reduced carbon footprints has increased the adoption

+357 96 030922
info@marketpublishers.com

of green cement, recycled steel, and low-emission coatings. Consumers are becoming more inclined toward sustainable living, further driving demand for green-certified buildings. Technological innovations in material efficiency and waste reduction are enhancing environmental performance. Collectively, these efforts align with international climate commitments and accelerate the shift toward sustainable construction practices.

Restraint:

Lack of awareness and knowledge

Many stakeholders remain unaware of the long-term cost savings and environmental benefits associated with sustainable materials. Misconceptions regarding high initial investment costs deter adoption in developing regions. Additionally, the absence of standardized training programs slows down skill development in sustainable construction methods. Inconsistent knowledge dissemination across industry segments weakens large-scale implementation.

Opportunity:

Integration of green standards

Certifications such as LEED, BREEAM, and WELL are motivating developers to adopt eco-friendly materials and construction techniques. Governments and local authorities are increasingly integrating sustainability benchmarks into building codes and procurement policies. This integration not only promotes compliance but also attracts investment in green infrastructure projects. Emerging economies are beginning to align with international sustainability frameworks, further strengthening market prospects. As these standards evolve, they are expected to encourage innovation and consistency across the green materials supply chain.

Threat:

Competition from traditional materials

Builders and contractors often prefer traditional products due to familiarity, established supply networks, and lower short-term expenses. The slow adoption of eco-friendly options can be attributed to concerns over performance reliability and compatibility with existing construction systems. Market penetration is further limited by inadequate

+357 96 030922
info@marketpublishers.com

financial incentives and subsidies for sustainable materials. In price-sensitive markets, the cost differential remains a critical hurdle. Without stronger policy support and cost optimization, traditional materials may continue to dominate mainstream construction practices.

Covid-19 Impact:

The COVID-19 pandemic temporarily disrupted the Green Building Materials Market by halting construction projects and delaying supply chains. Lockdowns restricted the transportation of raw materials, creating shortages and cost fluctuations. However, the crisis also highlighted the importance of resilient and sustainable infrastructure. Post-pandemic recovery strategies emphasize eco-friendly construction as governments launch green stimulus programs to boost economic growth. Consequently, the pandemic accelerated long-term awareness of sustainability, positioning green building materials as a central element of post-crisis construction strategies.

The exterior products segment is expected to be the largest during the forecast period

The exterior products segment is expected to account for the largest market share during the forecast period, due to its crucial role in improving energy efficiency and building durability. Products such as green roofs, insulation panels, and reflective coatings are widely adopted in residential and commercial construction. These materials enhance thermal performance, minimize energy consumption, and reduce environmental impact. Growing adoption of weather-resistant and solar-integrated materials further strengthens this segment. Governments are incentivizing energy-efficient exterior solutions through green building codes and subsidies.

The institutional buildings segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the institutional buildings segment is predicted to witness the highest growth rate, driven by government-led sustainability initiatives and green certification mandates. Schools, hospitals, and government facilities are increasingly adopting green materials to enhance air quality and reduce maintenance costs. Investments in energy-efficient infrastructure and public health-driven design are propelling demand in this segment. Integration of renewable energy systems and smart building technologies further supports growth. Institutional projects are often prioritized in national sustainability programs, ensuring consistent funding and regulatory support.

+357 96 030922
info@marketpublishers.com

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share, due to rapid urbanization, expanding construction activity, and supportive government policies. Countries such as China, India, and Japan are investing heavily in green infrastructure to combat pollution and resource depletion. Incentives for energy-efficient buildings and eco-certifications are driving widespread adoption of sustainable materials. The region's growing population and infrastructure modernization initiatives further contribute to demand. Strong domestic manufacturing capabilities and affordable raw materials enhance market penetration.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR, owing to increasing implementation of sustainability mandates and technological innovation. The U.S. and Canada are leading in developing advanced green materials, including low-carbon concrete and bio-based insulation. Government incentives, tax credits, and stricter environmental standards are encouraging adoption across commercial and residential sectors. Major construction firms are investing in digital platforms to monitor carbon emissions and material efficiency. Growing corporate sustainability commitments are also fueling green building adoption.

Key players in the market

Some of the key players in Green Building Materials Market include Holcim, James Hardie, Saint-Gobain, Forbo International, Kingspan Group, Interface Inc., Sika AG, Knauf Group, Owens Corning, Rockwool, BASF SE, Cemex, PPG Industries, China National Building Material Company, and CRH plc.

Key Developments:

In October 2025, Saint-Gobain has signed a definitive agreement with the Brazilian group GG10, owner of the G-Haus brand, for the sale of Tumelero, a retail chain specializing in construction materials, with a strong presence in southern Brazil. Tumelero is currently operating 16 stores and 1 logistic center in Rio Grande do Sul, employs around 580 people and generated revenues of around €40 million in 2024.

In June 2025, Holcim has acquired the operations of Langley Concrete Group Inc., a leading provider of precast solutions based in British Columbia. This strategic move

+357 96 030922
info@marketpublishers.com

marks the company’s entry into the precast concrete market in the province, expanding its national capabilities and strengthening its footprint in the rapidly growing infrastructure sector.

Components Covered:

- Products
- Services

Types Covered:

- Structural Materials
- Interior Materials
- Exterior Materials
- Building Systems Materials
- Other Types

Material Types Covered:

- Recycled Materials
- Renewable Materials
- Non-toxic and Low-emission Materials
- Energy-efficient Materials
- Smart and Adaptive Materials

Construction Types Covered:

+357 96 030922
info@marketpublishers.com

New Construction

Renovation and Retrofitting

Applications Covered:

Roofing

Framing

Insulation

Finishing and Coating

Wall Systems

Flooring

Other Applications

End Users Covered:

Residential Buildings

Commercial Buildings

Industrial Buildings

Institutional Buildings

Other End Users

Regions Covered:

North America

+357 96 030922
info@marketpublishers.com

- US
- Canada
- Mexico

Europe

- Germany
- UK
- Italy
- France
- Spain
- Rest of Europe

Asia Pacific

- Japan
- China
- India
- Australia
- New Zealand
- South Korea
- Rest of Asia Pacific

South America

- Argentina

+357 96 030922
info@marketpublishers.com

- Brazil
- Chile
- Rest of South America

Middle East & Africa

- Saudi Arabia
- UAE
- Qatar
- South Africa
- Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

- Company Profiling

+357 96 030922
info@marketpublishers.com

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

12 KEY DEVELOPMENTS

13 COMPANY PROFILING

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Green Building Materials Market Forecasts to 2032 – Global Analysis By Component (Products and Services), Type, Material Type, Construction Type, Application, End User and By Geography

Product link: https://marketpublishers.com/r/G275FA0F2C61EN.html

Price: US$ 4,150.00 (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/G275FA0F2C61EN.html