

Global Green Building Materials Market to Hit USD 524.17 Billion by 2030 | Arizton

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CHICAGO, IL, UNITED STATES, December 3, 2025 /EINPresswire.com/ -- The construction industry is entering a pivotal phase as both consumers and businesses demand measurable environmental accountability. This shift is fueling the adoption of materials and design practices that lower a building's overall carbon and energy footprint. According to Arizton, the [global green building materials market](https://www.arizton.com/market-reports/green-building-materials-market) was valued at USD 316.94 billion in 2024 and is projected to reach USD 524.17 billion by 2030, growing at a CAGR of 8.75%. Reinforcing this market momentum, the United Nations' 2030 Agenda, which targets a 30% reduction in building energy intensity per square meter by 2030 under the Paris Agreement, is pushing engineering and construction companies to integrate circular, resource-efficient, and low-impact solutions

[Explore the Full Market Insights: https://www.arizton.com/market-reports/green-building-materials-market](https://www.arizton.com/market-reports/green-building-materials-market)

Report Summary:

Market Size (2030): USD 524.17 Billion

Market Size (2024): USD 316.94 Billion

CAGR (2024-2030): 8.75%

Historic Year: 2021-2023

Base Year: 2024

Forecast Year: 2025-2030

Market Segmentation: Application, End-User, And Geography





Green Construction Code (IgCC) is driving a fundamental shift in the market toward materials that meet higher benchmarks of energy efficiency, safety, and lifecycle performance.”

Jacob Senior Consultant

Largest Region (2024): North America

Geographic Analysis: North America, Europe, APAC, Latin America, and Middle East & Africa

Recycled Resources Emerge as the New ROI in the Green Building Materials Market

The construction industry is witnessing a powerful shift toward sustainability, marked by the growing use of recycled materials such as reclaimed wood, recycled steel, crushed concrete, and recycled plastic. These eco-friendly alternatives are reducing dependence on virgin resources while cutting down on waste. Industrial byproducts like

steel slag and concrete rubble are being repurposed into valuable construction components, showcasing how circular economy principles can be seamlessly integrated into modern infrastructure. As the sector embraces innovation, products like Walplast's HomeSure Waterproof Putty and WallEx Self-curing Plaster exemplify how recycled raw materials can redefine green construction. This movement not only minimizes carbon emissions and landfill waste but also helps create a regenerative, self-sustaining ecosystem, one where every material gets a second life and every structure contributes to a greener future.

Material Intelligence: Redefining the Next Phase of Construction Innovation

The global construction landscape is being reshaped by the rapid integration of advanced green building materials and sustainable technologies. What was once viewed as an environmental responsibility has now evolved into a core market growth strategy. Continuous innovation in material science, supported by strong R&D investment, is driving the creation of systems that lower emissions, optimize energy consumption, and extend building lifecycles. Technologies such as 3D printing are redefining material precision and design flexibility, while self-healing concrete represents a breakthrough in structural durability and maintenance reduction. These advancements collectively position green building materials as a cornerstone of the modern construction ecosystem, supporting global efforts toward carbon neutrality and long-term resource efficiency.

The Code Economy: How Regulation is Rewriting Construction Markets.

Global demand for green building materials continues to rise as regulatory frameworks and certification systems reshape how buildings are designed and constructed. Stringent standards such as LEED, BREEAM, and the International Green Construction Code (IgCC) are driving a fundamental market shift toward materials that meet higher benchmarks of energy efficiency, safety, and lifecycle performance. These codes and rating systems not only define compliance but also influence R&D and procurement strategies across the construction value chain. The evolution of integrated standards such as ANSI/ASHRAE/USGBC/IES Standard 189.1-2017 further reinforces the industry's move toward high-performance, code-compliant building practices. As green codes gain global traction, they are setting a new baseline for market competitiveness,

where environmental responsibility and material innovation converge to define the next phase of construction growth.

Consumers Drive Residential Segment Growth in Global Green Building Materials Market

In the residential segment, consumers are increasingly prioritizing homes that reflect their values and deliver a positive environmental impact, fueling the demand for eco-friendly developments and green buildings. Rising awareness of environmental challenges is driving adoption of sustainable construction practices and green building materials, which reduce carbon footprints while enhancing energy efficiency. These materials, often featuring superior insulation properties, help homeowners lower energy consumption and reduce utility costs. The market is further supported by government incentives, including tax breaks and rebates, encouraging the integration of green materials in residential projects.

Green Building Materials Market Growth Across North America, Europe, and APAC

North America leads the global green building materials market, propelled by established green building codes and certifications, increasing consumer demand for sustainability, and stringent energy efficiency regulations. This market emphasizes high-performance insulation, energy-efficient windows, and low-VOC building products. Furthermore, the green building materials market in Europe is bolstered by strict environmental regulations and ambitious sustainability goals, making it a major player in the development and use of bio-based materials, such as wood and cellulose insulation. A substantial segment of the market focuses on renovating existing buildings with green materials. Meanwhile, the APAC region is witnessing rapid expansion, propelled by urbanization, increased construction activities, government incentives promoting green construction, and heightened environmental awareness.

Access a Free Sample for Deeper Insights: <https://www.arizton.com/market-reports/green-building-materials-market>

Key Company Profiles

- Alumasc Group
- BASF
- Cemex
- Holcim
- Kingspan
- Stora Enso

Other Prominent Company Profiles

- Alleguard
- Asahi Kasei
- Bauder
- Binderholz
- CertainTeed
- DuPont

- Forbo
- Grupo Argos
- Homasote
- IKO Industries
- Interface
- Knauf Insulation
- Owens Corning
- PPG Industries
- RedBuilt
- ROCKWOOL
- Schuller
- SIGA
- Sika
- STEICO
- Tarkett
- TITAN Cement
- Vulcan Materials Company
- Wienerberger

The Global Green Building Materials Market Size, Share, & Trends Analysis Report By

- Application: Insulation, Exterior Siding, Roofing, Framing, Interior Finishing, and Other Applications
- End-User: Residential and Non-residential
- Geography: North America, Europe, APAC, Latin America, and Middle East & Africa

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<https://www.arizton.com/market-reports/united-states-roofing-shingles-market>

Global Waterproofing Market - Focused Insights 2025-2030

<https://www.arizton.com/market-reports/waterproofing-market-size-analysis>

What Key Findings Will Our Research Analysis Reveal?

- How big is the global green building materials market?
- What is the growth rate of the global green building materials market?
- Which region dominates the global green building materials market share?
- Who are the key players in the global green building materials market?
- What are the significant trends in the green building materials market?

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