

LEED-Compliant Materials Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

<https://marketpublishers.com/r/LC6C286B12DCEN.html>

Date: August 2025

Pages: 210

Price: US\$ 4,850.00 (Single User License)

ID: LC6C286B12DCEN

Abstracts

The Global LEED-Compliant Materials Market was valued at USD 22.6 billion in 2024 and is estimated to grow at a CAGR of 8.1% to reach USD 49.3 billion by 2034. LEED-compliant materials meet the environmental and sustainability benchmarks set by the Leadership in Energy and Environmental Design (LEED) framework. These materials are essential for eco-friendly construction as they contribute to better energy efficiency, lower environmental impact, and improved indoor air quality. The rising implementation of green building standards and a surge in government-backed policies globally continue to drive market expansion. Financial incentives, stricter construction codes, and national targets for sustainability are encouraging widespread adoption of LEED-certified products in both public and private development projects.

The structural and building envelope materials segment accounted for USD 7.3 billion in 2024, supported by their critical role in improving the energy performance and durability of buildings. These include components like load-bearing walls, roofing, and external cladding systems that align with LEED guidelines. Demand for these materials has surged due to the increased use of lightweight, durable, and recycled construction solutions in modern building design.

The materials and resources (MR) credits held 38.6% share in 2024. This category leads due to its influence on selecting renewable, locally sourced, and recycled materials, aligning with LEED's sustainability goals. Manufacturers targeting MR credit compliance are driving innovation in green material science and boosting the market with new eco-efficient offerings that contribute directly to certification eligibility.

U.S. LEED-Compliant Materials Market was valued at USD 7.7 billion in 2024. With a

robust infrastructure and high levels of green building participation across residential, institutional, and commercial sectors, the U.S. plays a central role in global adoption. Strong regulatory backing, coupled with financial incentives and widespread LEED-certified floor area, has established the U.S. as the top region for sustainable material use in construction.

Key companies operating in the Global LEED-Compliant Materials Market include Owens Corning, Saint-Gobain, GAF Materials Corporation, Knauf Insulation, TerraMai, Sherwin-Williams, Kingspan Group, PPG Industries, BASF SE, Johns Manville, and Commercial Metals Company. To strengthen their market presence, companies in the LEED-compliant materials segment are implementing multiple strategies.

Many are enhancing their product lines with low-emission, recyclable, and renewable material options to comply with evolving green building codes. Investments in R&D are focused on developing advanced materials that not only meet LEED standards but also provide superior durability and performance. Firms are also forming partnerships with construction and architecture firms to integrate LEED-compliant solutions from the project planning phase. Additionally, certifications, third-party validations, and sustainability branding remain crucial in building consumer trust and expanding into international markets with stricter green mandates.

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