

Cement Board Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product Type (Fiber Cement Board, Wood Cement Board, Cement Bonded Particle Board, Others), By Application (Flooring, Wall Cladding, Roofing, Ceiling, Others), By End User (Residential, Commercial, Industrial), By Region & Competition, 2020-2030F

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Abstracts

Market Overview

Global Cement Board Market was valued at USD 747.59 million in 2024 and is expected to reach USD 1061.56 million by 2030 with a CAGR of 5.86% during the forecast period.

The Cement Board Market refers to the global industry involved in the production, distribution, and application of cement-based boards used as backing materials in construction projects. Cement boards are composite materials made from a mixture of cement and reinforcing fibers, offering high strength, moisture resistance, fire resistance, and durability. They serve as essential substrates in both interior and exterior construction activities, particularly in areas prone to moisture such as bathrooms, kitchens, and basements. These boards are commonly used in flooring underlayment, wall partitions, ceiling systems, and as a base for tile installations. The market caters to various end users, including residential, commercial, and industrial construction sectors.

The growth of the Cement Board Market is primarily driven by the increasing global focus on infrastructure development and rapid urbanization, especially in developing

regions such as Asia Pacific and the Middle East. The growing demand for cost-effective, low-maintenance, and durable building materials has encouraged contractors and builders to adopt cement boards as a preferred solution. Moreover, the rising awareness of green construction materials and environmentally sustainable practices has pushed manufacturers to develop boards that are eco-friendly, recyclable, and contribute to energy-efficient buildings.

Additionally, the market is witnessing growth due to the increasing renovation and refurbishment activities in developed economies. The growing emphasis on fire safety regulations and moisture control in buildings further supports the adoption of cement boards, particularly in commercial and institutional spaces. Technological advancements in board manufacturing, such as lightweight and high-performance variants, are also expanding the scope of application and fueling market demand.

The rise in e-commerce platforms has made cement boards more accessible to small contractors and homeowners, further contributing to market expansion. Government initiatives supporting affordable housing and smart city developments are expected to create significant opportunities for cement board manufacturers. As construction practices evolve towards faster, cleaner, and more sustainable methods, the demand for cement boards is anticipated to grow steadily. Therefore, the Cement Board Market is poised for a strong upward trajectory, supported by structural innovations, regulatory compliance, and rising construction activities across the globe.

Key Market Drivers.

Increasing Demand for Durable and Long-Lasting Construction Materials

The cement board market is experiencing significant growth due to the rising demand for durable and long-lasting construction materials in both residential and commercial construction sectors. Cement boards, known for their exceptional strength, impact resistance, and ability to withstand harsh environmental conditions, are increasingly preferred over traditional materials like gypsum boards and vinyl siding. Their durability, with a lifespan of 30 to 50 years compared to 10 to 15 years for vinyl siding, makes them a cost-effective choice for builders and developers aiming to reduce maintenance costs and enhance structural longevity.

This preference is driven by the need for robust materials that can endure moisture, fire, and termite damage, particularly in regions prone to extreme weather or seismic activity. The construction industry's shift toward high-performance materials aligns with the

growing emphasis on quality and sustainability, as cement boards offer superior resistance to cracks and water penetration, making them ideal for applications such as siding, flooring, and tile backing.

Urbanization and the expansion of infrastructure projects globally further amplify this demand, as developers seek materials that ensure safety and longevity in high-traffic or high-stress environments. Additionally, the aesthetic versatility of cement boards, which can be pre-painted or customized, enhances their appeal for architects and designers aiming to balance functionality with visual appeal in modern construction projects.

In 2023, the global construction industry saw a 2.5% increase in the number of construction businesses in the United States, reaching 3,787,470, reflecting heightened demand for durable materials like cement boards. Additionally, the commercial construction sector in the U.S. recorded a construction value of USD 115 billion in 2022, a 21.4% increase from the previous year, indicating robust investment in long-lasting building solutions.

Key Market Challenges

High Raw Material and Manufacturing Costs Impacting Profit Margins

The Cement Board Market faces a critical challenge in the form of elevated raw material and manufacturing costs, which significantly affect the overall profitability of market participants. Cement boards are primarily composed of materials such as cement, cellulose fibers, silica, and other additives. The prices of these raw materials are subject to volatility due to fluctuations in global demand-supply dynamics, geopolitical uncertainties, trade restrictions, and disruptions in the mining and extraction industries. The cement industry, in particular, is energy-intensive, with high dependence on fossil fuels such as coal and natural gas. As energy prices rise, the cost of manufacturing cement boards correspondingly increases, creating upward pressure on the final product pricing.

Moreover, cement board production involves complex processes including high-temperature curing, pressing, and surface treatment. These require advanced equipment and skilled labor, further contributing to the capital and operational expenditures. For manufacturers operating in regions with stringent environmental regulations, there is an added financial burden related to emission control technologies, waste management systems, and compliance documentation. The requirement to maintain product consistency and adhere to international quality standards adds

another layer of operational cost.

These cumulative cost pressures can be particularly challenging for small and medium-sized enterprises, which operate with limited financial flexibility. The inability to absorb or pass on the increased costs to customers can erode profit margins and reduce competitive advantage. In price-sensitive markets, particularly in emerging economies, high pricing can restrict market penetration and discourage end users from opting for cement boards over traditional materials such as gypsum boards or wooden panels. In the absence of widespread government subsidies or financial incentives, manufacturers are compelled to engage in aggressive pricing strategies, which may lead to unhealthy competition and market fragmentation. Consequently, the high cost structure poses a persistent barrier to sustainable growth and market expansion.

Key Market Trends

Growing Integration of Cement Boards in Sustainable and Green Construction

One of the most prominent trends shaping the Cement Board Market is the increasing integration of cement boards into sustainable and green construction practices. As global emphasis intensifies on reducing environmental impact and improving energy efficiency in buildings, cement boards are gaining preference due to their eco-friendly composition and performance advantages. Cement boards are manufactured using non-toxic, recyclable materials and possess a longer life cycle compared to many traditional construction products. These characteristics align well with the sustainability goals of developers, government bodies, and environmentally conscious consumers.

Moreover, cement boards offer excellent thermal insulation and contribute to maintaining stable indoor temperatures, thereby reducing dependence on heating and cooling systems. This functionality plays a crucial role in helping buildings meet stringent energy efficiency standards. In addition, cement boards are known for their resistance to mold, pests, and moisture, which enhances indoor air quality and promotes healthier living environments. These features make cement boards an attractive solution in green-certified construction projects such as Leadership in Energy and Environmental Design (LEED)-compliant buildings.

With more countries introducing building regulations that emphasize environmental performance, demand for sustainable construction materials such as cement boards is expected to grow. Developers and contractors are also under increasing pressure to demonstrate environmental responsibility, both from regulatory authorities and socially

conscious investors. As a result, cement board manufacturers are investing in research and development to produce boards with enhanced sustainability attributes, such as low carbon footprints and energy-efficient manufacturing processes.

Additionally, cement boards are being increasingly incorporated into prefabricated construction systems, which are viewed as more sustainable and efficient. These systems minimize waste generation, reduce labor requirements, and shorten project timelines, all while supporting environmental conservation. The growing awareness and legislative support for green construction are expected to significantly elevate the role of cement boards in the global construction industry, thereby propelling long-term growth in the Cement Board Market.

Key Market Players

James Hardie Industries plc

Etex Group

Cemco Inc.

Saint-Gobain S.A.

Everest Industries Limited

NICHIHA Co., Ltd.

SCG Building Materials Co., Ltd.

Ramco Industries Limited

National Gypsum Company

Swisspearl Group AG.

Report Scope:

In this report, the Global Cement Board Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Cement Board Market, By Product Type:

- Fiber Cement Board
- Wood Cement Board
- Cement Bonded Particle Board
- Others

Cement Board Market, By Application:

- Flooring
- Wall Cladding
- Roofing
- Ceiling
- Others

Cement Board Market, By End User:

- Residential
- Commercial
- Industrial

Cement Board Market, By Region:

- North America
 - United States
 - Canada
 - Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

South America

Brazil

Argentina

Colombia

Asia-Pacific

China

India

Japan

South Korea

Australia

Middle East & Africa

Saudi Arabia

UAE

South Africa

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Cement Board Market.

Available Customizations:

Global Cement Board Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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