

Global Green Concrete Market Report and Forecast 2022-2027

Market Report | 2022-08-24 | 169 pages | EMR Inc.

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Report description:

Global Green Concrete Market Report and Forecast 2022-2027

Market Outlook

According to the report by Expert Market Research (EMR), the global green concrete market is aided by the growing construction industry. The market is projected to grow at a CAGR of 10.4% between 2022 and 2027.

Green concrete is described as concrete that utilises waste material as a minimum of one of its components, or in some other way is environmentally friendly. This can be through a production process that is environment-positive or its lifecycle sustainability, or high performance that extends its lifespan. Factors such as good thermal resistance and fire resistance, and flexural strength of green concrete are almost equal to that of conventional concrete, aiding the market growth of green concrete globally.

Moreover, the compressive strength behaviour of green concrete and the water cement ratio as compared to conventional concrete is anticipated to drive the green concrete market demand across the world. Based on the application, the commercial segment is expected to fuel the market growth during the upcoming years on account of the rise in green cement usage in commercial establishments like offices, shopping malls, spaces, hospitals, and theatres.

Geographically, the Europe region is expected to register growth in the green concrete market share on account of the strict rules relating to carbon emissions along with an upsurge in taxes which is likely to be imposed on industrial emissions.

The reduction of the CO₂ emissions by the concrete industry by 30% coupled with the upsurged concrete industry's usage of waste products by 20% is likely to drive the market growth of green concrete during the forecast period. With no environmental pollution and a relatively sustainable development process, green concrete has less need for frequent repairs or maintenance and in comparison to conventional concrete, has better workability. These are some of the major aspects expected to fuel the green concrete market demand across the globe.

Several companies undertaking research and development activities to improve technology is expected to propel the market growth. Such companies often use various raw materials to acquire cost-effective green cement mixtures. Thereby, these initiatives as well as advancements by producers are projected to offer productive opportunities for market growth during the forecast period.

Market Segmentation

The market can be divided on the basis of type, design, application, and region.

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Based on type, the market is divided into:

- Cement Concrete
- Lime Concrete
- Others

By design, the industry is segmented into:

- Plain Cement Concrete
- Pre-Stressed Cement Concrete
- Reinforced Cement Concrete
- Others

On the basis of application, the industry can be categorised into:

- Commercial
- Infrastructure
- Residential
- Others

Market Breakup by Region

- North America
- Latin America
- Asia Pacific
- Europe
- Middle East and Africa

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and acquisitions and mergers, among other major developments, of the global green concrete market. Some of the major key players explored in the report by Expert Market Research are as follows:

- Dow Chemical Company
- Flyocrete Green Concrete LLP
- BASF SE
- LafargeHolcim Ltd.
- MAPEI Inc.
- Others

*We at Expert Market Research always strive to give you the latest information. The numbers in the article are only indicative and may be different from the actual report.

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