

Saudi Arabia Green Cement Market By Product Type (Fly Ash Based, Slag Based, Limestone-Based, Silica Fume-Based, Others), By Application (Residential, Commercial, Industrial, Others), By End Use (New Construction, Repair and Maintenance), By Region, Competition Forecast & Opportunities, 2018-2028F

Market Report | 2023-09-05 | 92 pages | TechSci Research

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Report description:

Saudi Arabia Green Cement Market is anticipated to grow robustly in the forecast period 2024-2028. One of the key reasons propelling the market's expansion is the booming building sector and rising environmental concerns. Green cement is a term used to describe a typical cement created using a carbon-negative production technique. It is made using cutting-edge technical procedures that reduce emissions during unit operations. Various industrial by-products, including fly ash, blast furnace slag, aluminosilicates, and recovered industrial waste, are used to make green cement. The GCC countries are deciding to use green cement at an accelerated rate due to rising worries about environmental pollution and climate change.

Rapid Urbanization and Growing Less Carbon Emission Awareness

The green cement market is experiencing rapid growth due to factors such as rapid urbanization of emerging nations, the expansion of building & construction activities, the rise in demand for single-family houses, etc. Market expansion is a result of rising disposable income and shifting consumer lifestyles.

The demand for green cement has been driven by rising understanding of the need to minimize carbon emissions and their harmful impact on the environment. Since it consumes fewer natural resources in manufacturing and emit less carbon dioxide, it is anticipated to gain greater market share throughout the projected period.

An important driver responsible for the increase in green cement production is the growing awareness of greenhouse gas emissions associated with cement manufacturing, reducing such emissions by up to 40%. The manufacturing of green cement uses almost 60% less thermal energy than that of ordinary Portland cement (OPC), which results in a greater than 60% reduction in GHG emissions for every ton of OPC. Additionally, the green cement lowers the "heat island effect" by making concrete more reflective.

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Favorable Government Regulations & Growing Construction Projects in The Nation

Green cement is a product made from industrial wastes, such as burned clay, slag, waste from power plants, recycled concrete, etc. Green cement is often utilized in a variety of building and construction projects since it offers great defense against alkali assault during weather changes. For manufacturers competing in the green cement market, this feature is anticipated to provide lucrative opportunities. Since green cement has unmatched insulating qualities, it gives protection against corrosion.

The Green Cement Market is anticipated to develop over the forecast period as a result of rising green building construction and favorable government regulations. The growing usage of green cement in commercial construction is driven by the need to reduce a building's adverse environmental consequences during its lifetime by increasing the effectiveness of resource consumption, such as the use of water and energy.

For instance, one of the large-scale projects is announced, for Public Investment Fund (PIF). It will set new benchmarks for sustainable development and ecotourism. Since Saudi Arabia's government is concentrating on new building projects, the market is anticipated to develop over the projected period. The project, which covers a surface area of 28,000 square kilometres (sq km), includes a number of historical, cultural, and heritage sites.

Market Segmentation

The Saudi Arabia Green Cement Market is segmented based on product type, application, and end use. Based on product type, the market is divided into fly ash based, slag based, limestone-based, silica fume-based and others. Based on application, the market is divided into residential, commercial, industrial and others. Based on end use, the market is divided into new construction, repair, and maintenance.

Market player

Major players operating in the Saudi Arabia Green Cement Market include Kiran Saudi Arabia Chems, Anhui Conch Cement Company, CEMEX, S.A.B. DE C.V, Italcementi, LafargeHolcim, CeraTech, Calera Corporation, Heidelberg Cement AG, Navrattan Blue Crete Industries Pvt., Siam Cement Public Company (SCG)

Report Scope:

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

o Saudi Arabia Green Cement Market, By Product Type:

o Fly Ash Based

o Slag Based

o Limestone-Based

o Silica Fume-Based

o Others

o Saudi Arabia Green Cement Market, By Application:

o Residential

o Commercial

o Industrial

o Others

o Saudi Arabia Green Cement Market, By End-Use:

o New Construction

o Repair and Maintenance

o Saudi Arabia Green Cement Market, By Region:

o Northern Region

o Southern Region

o Western Region

o Eastern Region

o Central Region

Competitive Landscape

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Company Profiles: Detailed analysis of the major companies present in the Saudi Arabia Green Cement Market.

Available Customizations:

Saudi Arabia Green Cement Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

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

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