

# Rapid Strength Concrete Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

The global rapid strength concrete market size reached US\$ 137.9 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 188.3 Billion by 2028, exhibiting a growth rate (CAGR) of 5.05% during 2023-2028.

Rapid strength concrete (RSC) refers to a type of concrete that gains strength quickly and provides a lasting repair for the remaining service life of a structure. It is manufactured using high-quality ingredients and mixture designs and consequently offers numerous advantages over conventional concrete. As it helps businesses operating in the construction sector reduce their capital expenditure, RSC finds extensive applications in airports, dockyards, parking areas, and railway networks across the globe.

### Rapid Strength Concrete Market Trends:

The rising demand for modern architecture around the world represents one of the key factors bolstering the growth of the market. Besides this, there is a considerable increase in the use of RSC for pavement rehabilitation and reconstruction. These pavements provide a smooth and durable all-weather traveling surface to cars, trucks, buses, bicycles, commuters, commercial motor carriers, delivery and service providers, local users, and leisure travelers. In addition, they play a pivotal role in the roadway network of a country and offer societal benefits, such as access to schools, services, offices, and general mobility. Apart from this, as RSC reaches opening strength in a short period, slab replacement can be accomplished overnight. Consequently, it is utilized for repairing different components of buildings and substructure elements on bridges, such as decks, piers, and columns. Moreover, key players are focusing on minimizing the impact of producing concrete on the environment by developing next-

generation sustainable cement. They are also engaging in collaborations and mergers and acquisitions (M&A) with domestic players, which is positively influencing the market. Furthermore, governing authorities of numerous countries are introducing new projects for constructing highways and freeways, which is facilitating the growth of the market.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global rapid strength concrete market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on strength and application.

#### Breakup by Strength:

- 0 To 40 MPa
- 40 To 80 MPa
- Above 80 MPa

#### Breakup by Application:

- Airport
- Building Floor
- Dockyard
- Formed Work
- Parking Areas
- Rail Network
- Roads and Bridges
- Others

#### Breakup by Region:

- North America
  - United States
  - Canada
- Asia-Pacific
  - China
  - Japan
  - India
  - South Korea

Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Aggregate Industries (Holcim Group), Boral Limited, Bostik (Arkema S.A.), Buzzi Unicem SpA, Cemex S.A.B. de C.V., CTS Cement Manufacturing Corporation, Fosroc Inc. (JMH Group), Instarmac Group PLC, Short Load Concrete Inc., Sika AG, Tarmac (CRH plc) and Westbuild Group.

#### Key Questions Answered in This Report

1. What was the size of the global rapid strength concrete market in 2022?
2. What is the expected growth rate of the global rapid strength concrete market during 2023-2028?
3. What are the key factors driving the global rapid strength concrete market?
4. What has been the impact of COVID-19 on the global rapid strength concrete market?
5. What is the breakup of the global rapid strength concrete market based on the application?
6. What are the key regions in the global rapid strength concrete market?
7. Who are the key players/companies in the global rapid strength concrete market?

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