

Global Fiber Reinforced Concrete (FRC) Market 2023-2029

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Abstracts

Fiber reinforced concrete is the composite material containing fibers in the cement matrix in an orderly manner or randomly distributed manner. Fibers suitable for reinforcing concrete have been produced from steel, glass, and organic polymers (synthetic fibers). Naturally occurring asbestos fibers and vegetable fibers, such as sisal and jute, are also used for reinforcement. Fibers are used to control plastic shrinkage cracking and drying shrinkage cracking. They also lower the permeability of concrete and thus reduce the bleeding of water. Some types of fibers produce greater impact, abrasion and shatter resistance in concrete. According to the latest data, the market size of the global fiber reinforced concrete sector is expected to rise by USD 1.0 billion with a CAGR of 5.4% by the end of 2029.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global fiber reinforced concrete market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the type, end user, and region. The global market for fiber reinforced concrete can be segmented by type: glass fiber, natural fiber, steel fiber, synthetic fiber, others. The natural fiber segment held the largest share of the global fiber reinforced concrete market in 2022 and is anticipated to hold its share during the forecast period. Fiber reinforced concrete market is further segmented by end user: building and construction, industrial flooring, infrastructure, mining, others. Globally, the building and construction segment made up the largest share of the fiber reinforced

concrete market. Based on region, the fiber reinforced concrete market is segmented into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. North America was the largest contributor to the global fiber reinforced concrete market in 2022.

Market Segmentation

By type: glass fiber, natural fiber, steel fiber, synthetic fiber, others

By end user: building and construction, industrial flooring, infrastructure, mining, others

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The global fiber reinforced concrete market report offers detailed information on several market vendors, including ArcelorMittal S.A., ABC Polymer Industries, LLC, BASF SE, BAUTECH Sp. z o.o., CEMEX S.A.B. de C.V., Enviromesh Pty Ltd (formerly Fibercon), Fabpro Oriented Polymers, LLC, Ganzhou Daye Metallic Fibres Co., Ltd., GCP Applied Technologies Inc., Hubei Huierjie New Material Technology Co., Ltd., KrampeHarex GmbH & Co. KG, MBCC Group, N.V. Bekaert S.A., Nycon Corporation, Owens Corning, Sika AG, The Euclid Chemical Company, Ultratech Cement Limited, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global fiber reinforced concrete market.

To classify and forecast the global fiber reinforced concrete market based on type, end user, region.

To identify drivers and challenges for the global fiber reinforced concrete market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global fiber reinforced concrete market.

To identify and analyze the profile of leading players operating in the global fiber reinforced concrete market.

Why Choose This Report

Gain a reliable outlook of the global fiber reinforced concrete market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Infrastructure
Mining
Others

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North America

Europe

Asia-Pacific

MEA (Middle East and Africa)

Latin America

PART 8. KEY COMPANIES

ArcelorMittal S.A.

ABC Polymer Industries, LLC

BASF SE

BAUTECH Sp. z o.o.

CEMEX S.A.B. de C.V.

Enviromesh Pty Ltd (formerly Fibercon)

Fabpro Oriented Polymers, LLC

Ganzhou Daye Metallic Fibres Co., Ltd.

GCP Applied Technologies Inc.

Hubei Huierjie New Material Technology Co., Ltd.

KrampeHarex GmbH & Co. KG

MBCC Group

N.V. Bekaert S.A.

Nycon Corporation

Owens Corning

Sika AG

The Euclid Chemical Company

Ultratech Cement Limited

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