

# Infrastructure Concrete Fiber Market Trends 2025-2029: Regional Outlook and Sizing Analysis

*The Business Research Company's  
Infrastructure Concrete Fiber Global  
Market Report 2025 – Market Size,  
Trends, And Global Forecast 2025-2034*

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KINGDOM, September 4, 2025

/EINPresswire.com/ -- [Infrastructure  
Concrete Fiber Market](#) Growth

Forecast: What To Expect By 2025?

The market size of concrete fiber for infrastructure has seen substantial growth in the past few years. Projected to expand from \$1.66 billion in 2024 to \$1.83 billion in 2025, the industry anticipates a compound annual growth rate (CAGR) of 9.9%. The past growth is credited to a

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greater inclination towards infrastructure strategies that require minimal maintenance, increased construction happenings in burgeoning economies, heightened understanding of the advantages of concrete fiber, the growing trend of swapping out dated reinforcement processes, and the escalating incidents of natural disasters.

In the upcoming years, the infrastructure concrete fiber market is projected to witness significant growth, surging to a value of \$2.63 billion at a compound annual growth rate (CAGR) of 9.5% in 2029. Several factors can account for

this growth over the forecast period, such as an increase in infrastructure development projects, a surge in demand for resilient and crack-resistant concrete structures, the progressing urbanization, a stronger focus on sustainable construction, and a greater use of fiber-reinforced concrete. Forecasts for the period include advancements in fiber-reinforced concrete technology, technological innovations in fiber materials, the merging of concrete fibers with 3D printing for construction purposes, breakthroughs in hybrid fiber systems, and technology-driven quality control in fiber dispersion.

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### What Are Key Factors Driving The Demand In The Global Infrastructure Concrete Fiber Market?

The growth of the infrastructure concrete fiber market is anticipated to be fueled by the escalating infrastructure development projects. These projects involve massive undertakings centered on constructing or upgrading crucial physical systems like transportation, energy, water, and communication, essential for economic and social advancements. Rapid urbanization is triggering these projects as it requires the expansion of physical systems to support increasing populations and maintain efficient urban operations. Infrastructure concrete fiber enhances these projects by boosting the resilience, longevity, and crack resistance of concrete structures, resulting in more robust, long-lasting, and low-maintenance highways, bridges, tunnels, etc. For instance, as per the Office for National Statistics, a UK government department, in 2023, the investment in infrastructure amounted to \$17.25 billion (£13.8 billion) in constant prices, indicating a 3.9% rise when compared to 2022. Hence, the escalating infrastructure development projects are stimulating the expansion of the infrastructure concrete fiber market.

### Who Are The Leading Players In The Infrastructure Concrete Fiber Market?

Major players in the Infrastructure Concrete Fiber Global Market Report 2025 include:

- ArcelorMittal S.A.
- Sika AG
- NV Bekaert SA
- Pioneer Corporation
- RDC Concrete (India) Pvt. Ltd.
- Formglas Products Ltd.
- ABC Polymer Industries LLC
- Minifibers Inc.
- CreaFill Fibers Corporation
- Bb Fiberbeton

### What Are The Key Trends And Market Opportunities In The Infrastructure Concrete Fiber Sector?

Leading companies in the infrastructure concrete fiber market are prioritizing the creation of inventive solutions like fiber-reinforced cement. This responds to the need for increasing structural robustness, decreasing fractures, and expanding load-bearing potential in challenging construction circumstances. Fiber-reinforced cement is a blend of cement and fiber, enhancing its tensile strength, resistance to cracking, and general resilience. An example of this trend took place in September 2023 when Nuvoco Vistas Corporation Limited, a prominent cement corporation from India, launched Duraguard microfibre cement. This product is designed to provide boosted strength and limit the occurrence of shrinkage cracks. This fiber-reinforced cement offers exceptional resistance to cracking, high tensile strength, and enduring protection from seepage and thermal stresses, ultimately resulting in more resilient and easy-to-maintain

structures. The primary aim of this product is to lengthen the lifespan of buildings by minimizing micro-cracks, thereby enabling sturdier, more durable construction.

#### Analysis Of Major Segments Driving The Infrastructure Concrete Fiber Market Growth

The infrastructure concrete fiber market covered in this report is segmented –

- 1) By Type: Steel Fiber, Synthetic Fiber, Glass Fiber, Natural Fiber, Other Types
- 2) By Functionality: Reinforcement, Impact Resistance, Crack Control, Durability Enhancement, Thermal Management
- 3) By Fiber Length: Short Fiber, Medium Fiber, Long Fiber
- 4) By Application: Highways, Bridges, Railways, Other Applications
- 5) By End-User Industry: Construction, Infrastructure, Mining, Aerospace, Automotive

#### Subsegments:

- 1) By Steel Fiber: Hooked-End, Straight, Crimped
- 2) By Synthetic Fiber: Polypropylene (PP), Polyester (PET), Nylon
- 3) By Glass Fiber: Alkali-Resistant (AR) Glass, E-Glass
- 4) By Natural Fiber: Coconut Coir, Bamboo, Jute
- 5) By Other Types: Basalt Fiber, Cellulose Fiber, Carbon Fiber

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<https://www.thebusinessresearchcompany.com/report/infrastructure-concrete-fiber-global-market-report>

#### Which Region Is Expected To Lead The Infrastructure Concrete Fiber Market By 2025?

In 2024, North America held the leading position in the Infrastructure Concrete Fiber Global Market Report 2025. It is projected that the fastest-growing region will be Asia-Pacific during the forecast period. The report includes various regions such as Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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