

# **Middle East & Africa Fiber Reinforced Polymer (FRP) Rebars Market Forecast to 2028 - Regional Analysis - by Resin Type (Vinyl Ester, Polyester, Epoxy, and Others), Fiber Type (Glass Fiber Composites, Carbon Fiber Composites, and Basalt Fiber Composites) and Application (Highway Bridge and Construction, Marine Structures and Waterfronts, Water Treatment Plants, and Others)**

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## **Abstracts**

The Middle East & Africa Fiber Reinforced Polymer (FRP) rebars market was valued at US\$ 26.55 million in 2022 and is expected to reach US\$ 46.13 million by 2028; it is estimated to grow at a CAGR of 9.6% from 2022 to 2028.

**Increasing Demand for Lightweight, High Strength, and Non-Corrosive Rebars Fuel the Middle East & Africa Fiber Reinforced Polymer (FRP) Rebars Market**

Increasing corrosion issues in conventional reinforcement techniques have enhanced product penetration in the infrastructure repairing industry. FRP rebar is corrosion resistant, where steel will eventually rust and crack the concrete it is supposed to reinforce, which leads to structural life up to 2 times longer when FRP rebar is used. Resistance to corrosion and abrasion, low weight, and high tensile strength are major factors stimulating industry growth. Over 25% of the overall construction failures are due to corrosion. Inefficiency pertaining to steel reinforcement causing concrete failures will positively influence the upgraded non-corrosive construction material adoption.

Though FRP rebars are relatively expensive compared to traditional steel rebars, they

cut down the cost of maintenance for any project and provide additional benefits like more strength and easier installation during construction due to their high tensile strength and low weight. Moreover, these rebars are not affected by external factors such as corrosion and harsh environmental conditions, they increase the lifespan of any structure, and maintain structural integrity. Additionally, it is easier to transport and handle. Due to these factors, the demand for lightweight, high-strength, and non-corrosive rebars is increasing and is driving the growth of the Middle East & Africa FRP rebars market.

## Middle East & Africa Fiber Reinforced Polymer (FRP) Rebars Market Overview

The Middle East & Africa Fiber Reinforced Polymer (FRP) Rebars market consists of South Africa, Saudi Arabia, the UAE, and the Rest of the Middle East & Africa. The MEA region is expected to witness a growth in highway bridges and construction segment. Fiber Reinforced Polymer (FRP) construction materials are very lightweight, easy to install, and offer high strength-to-weight ratio and durability. The materials can be customized in an accordance with the required properties such as size, strength, stiffness, and the overall structure. The environmental durability of Fiber Reinforced Polymer (FRP) Rebars allows the bridges to remain corrosion-free and in good condition and shape for a longer period of time, which drives the Fiber Reinforced Polymer (FRP) Rebars market in the region.

## Middle East & Africa Fiber Reinforced Polymer (FRP) Rebars Market Revenue and Forecast to 2028 (US\$ Million)

## Middle East & Africa Fiber Reinforced Polymer (FRP) Rebars Market Segmentation

The Middle East & Africa Fiber Reinforced Polymer (FRP) rebars market is segmented based on resin type, fiber type, application, and country. Based on resin type, the Middle East & Africa Fiber Reinforced Polymer (FRP) rebars market is segmented into vinyl ester, polyester, epoxy, and others. The vinyl ester segment held the largest market share in 2022.

Based on fiber type, the Middle East & Africa Fiber Reinforced Polymer (FRP) rebars market is segmented into glass fiber composites, carbon fiber composites, and basalt fiber composites. The glass fiber composites segment held the largest market share in 2022.

Based on application, the Middle East & Africa Fiber Reinforced Polymer (FRP) rebars

market is segmented into highway bridge and construction, marine structures and waterfronts, water treatment plants, and others. The highway bridge and construction segment held the largest market share in 2022.

Based on country, the Middle East & Africa Fiber Reinforced Polymer (FRP) rebars market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa Fiber Reinforced Polymer (FRP) rebars market in 2022.

Sch?ck Bauteile GmbH, Dextra Group, Sireg Geotech S.r.l, and Arab Basalt Fiber Company are some of the leading companies operating in the Middle East & Africa Fiber Reinforced Polymer (FRP) rebars market.

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