

Concrete Admixtures Market by Type (Superplasticizers, Normal Plasticizers, Accelerating Admixtures, Retarding Admixtures, Air-entraining Admixtures), Application (Residential, Commercial, Infrastructure), and Region - Global Forecast to 2028

<https://marketpublishers.com/r/G4926AB23BBEN.html>

Date: December 2023

Pages: 245

Price: US\$ 4,950.00 (Single User License)

ID: G4926AB23BBEN

Abstracts

In terms of value, the concrete admixtures market is estimated to grow from USD 18.6 billion in 2023 to USD 25.9 billion by 2028, at a CAGR of 6.9%. The emerging construction industry and mounting urbanization trend are driving the concrete admixtures market. Concrete admixtures offer several advantages for infrastructure projects, such as improved durability, reduced maintenance water requirements & costs, and improved safety.

“Superplasticizers are estimated to be the largest type of concrete admixtures, in terms of value, during the forecast period.”

The demand for superplasticizers is probable to undergo significant growth, mainly due to their exceptional water-reducing performance of up to 30%. Superplasticizers are chemical admixtures added to concrete in small amounts to enhance its workability. They work by dispersing cement particles, preventing them from clumping together, and increasing the fluidity of the mix. This allows for several benefits, including early strength, enriched surface finish, increased workability, and others.

“Residential is expected to be the largest application of the concrete admixtures market, in terms of value, during the forecast period.”

The residential application in the concrete admixture market is projected to experience speedy growth. This is driven by a surge in demand for residential buildings worldwide,

fueled by factors such as population growth, urbanization, and economic development. This demand is particularly high in developing countries, where rapid urbanization is leading to the construction of large numbers of new homes and apartments. Additionally, the increasing adoption of concrete admixtures enhances the effectiveness of safety solutions in complex residential building requirements.

“Europe is projected to be the second-largest region, in terms of value, during the forecast period in the waterproofing admixtures market.”

Stringent building codes and regulations mandated by the European Union further contribute to market growth by necessitating the use of concrete admixtures across diverse applications. Also, the region's significant demand for concrete solutions stems from its extensive and aging infrastructure, residential buildings, encompassing roads, bridges, and tunnels, emphasizing the need to protect and extend the lifespan of these structures. Accordingly, Europe is projected to be the second-largest region of the concrete admixtures market during the forecast period.

By Company Type: Tier 1 - 69%, Tier 2 - 23%, and Tier 3 - 8%

By Designation: C-Level - 23%, Director Level - 37%, and Others - 40%

By Region: North America - 15%, Europe - 21%, Asia Pacific - 45%, South America – 7%, Middle East & Africa - 12%,

The key players profiled in the report include Sika AG (Switzerland), Saint-Gobain S.A. (France), MAPEI S.p.A. (Italy), Fosroc, Inc. (UAE), RPM International Inc. (US), MUHU (China) Construction Materials Co., Ltd. (China), Arkema (France), Penetron (US) Dow inc. (US), Xypex Chemical Corporation (Canada), RPM International Inc. (US), and among others.

Research Coverage

This report segments the market for concrete admixtures based on type, application, and region and provides estimations of volume (Kiloton) and value (USD Million) for the overall market size across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, services, and key strategies, associated with the market for concrete admixtures.

Reasons to Buy this Report

This research report is focused on various levels of analysis — industry analysis (industry trends), market share analysis of top players, and company profiles, which together provide an overall view of the competitive landscape, emerging and high-growth segments of the concrete admixtures market; high-growth regions; and market drivers, restraints, and opportunities.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on concrete admixtures offered by top players in the global market

Analysis of key drives: (Evolving construction industry, mounting urbanization, and enhanced quality of construction), restraints (strict government and environmental guidelines and conventional infrastructure in advanced countries), opportunities (evolving technologies in construction, emerging demand for concrete admixtures, and increasing use of ready-mix concrete), and challenges (lack of guidance, and rising raw material prices) influencing the growth of concrete admixtures market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the concrete admixtures market

Market Development: Comprehensive information about lucrative emerging markets — the report analyzes the markets for concrete admixtures across regions.

Market Diversification: Exhaustive information about new products, untapped regions, and recent developments in the global concrete admixtures market

Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the concrete admixtures market

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