

Report Information

More information from: <https://www.marketresearchfuture.com/reports/concrete-admixtures-market-1994>

Concrete Admixtures Market Research Report - Forecast to 2030

Report / Search Code: MRFR/CnM/1462-HCR

Publish Date: October, 2023

Request Sample

Price	1-user PDF : \$ 4950.0	Site PDF : \$ 3250.0	Enterprise PDF : \$ 7250.0
-------	------------------------	----------------------	----------------------------

Description:

Global Concrete Admixtures Market Overview

Concrete Admixtures Market Size was valued at USD 17.82 billion in 2021. The Concrete Admixtures industry is projected to grow from USD 18.64 Billion in 2022 to USD 30.96 billion by 2030, exhibiting a compound annual growth rate (CAGR) of 6.55% during the forecast period (2022 - 2030). Growing use of precast concrete and ready-mix concrete and Increasing construction activities are driving market growth.

Concrete Admixtures Market Overview

Source: Secondary Research, Primary Research, MRFR Database and Analyst Review

Concrete Admixtures Market Trends

• Growing use of precast concrete and ready-mix concrete

Precast concrete is adaptable and recyclable with high strength and is highly durable which enhances the setting up of modern construction units and pre-factored buildings. The rise in demand for green buildings rises the precast concrete demand. Precast Construction consists of various precast elements such as walls, beams, slabs, columns, staircase, landing and some customized elements that are standardized and designed for stability, durability and structural integrity of the building. The expansion in the construction industry in some of the emerging countries and the growth in commercial and construction of residential activities along with hotel industry create demand for fast installations and quick results which propels the growth of precast concrete in construction sector which will help Superplasticizer market to grow in forecast period.

Additionally, the ready-mix concrete (RMC) is made up of cement, water, sand, and aggregates. Ready-mix concrete is particularly advantageous when small quantities of concrete or intermittent placing of concrete are required. Ready-mixed concrete is also ideal for large jobs where space is limited and there is little room for a mixing plant and aggregate stockpiles. It is customized according to the applications in commercial, residential, infrastructure, industrial sectors. In general, roadways, manufacturing facilities, and residential and commercial buildings use ready-mixed concrete. In the building sector, ready-mix concrete is frequently used. The growing construction sector and increasing demand for new residential and commercial buildings is enhancing the growth of ready-mix concrete that offers higher quality. With ready-mix concrete widely being used as a substitute for traditional concrete on account of greater convenience, ease of use, and enhanced quality. The demand for RMC is majorly driven by the ease of installation and scarcity of manpower at the sites. RMC are also transported very easily as compared to conventional concretes which fuels the demand for RMC and superplasticizer market for more enhance durability and other properties. Thus, the growing use of precast concrete and ready-mix concrete is likely to drive the growth of the Concrete Admixtures market revenue.

Concrete Admixtures Market Segment Insights

Concrete Admixtures Function Insights

The Concrete Admixtures market segmentation, based on function, includes Plasticizers, Super Plasticizers, Air Entrainers, Accelerators, Retarders, Waterproofing Admixtures and others. The Plasticizers segment held the majority share in 2021 contributing to around ~28%-30% with respect to the Concrete Admixtures market revenue. Plasticizers reduce the required water content for a concrete mixture by 5 to 10%. As a result, concrete containing a water-reducing additive requires

less water to achieve the desired slump than untreated concrete. The water-cement ratio of the treated concrete can be reduced. This typically means that a greater strength concrete may be made without using more cement. Admixture technological developments in recent years have resulted in the creation of mid-range water reducers. These admixtures lower water content by at least 8% and are more stable across a wider temperature range. Standard water reducers have more inconsistent setup times than mid-range water reducers. Thus, due these properties offered by plasticizers they are widely used in the construction activities.

November 2021: Euclid Chemical has disclosed that the company has acquired the business of Brett Admixtures that has wholly manufactured and commercially promoted Euclid solutions since 1998. Euclid Chemical believes that the acquisition will help expand its combined geographic footprint and boost its production and distribution operations.

Figure 2: Concrete Admixtures Market, by Function, 2021 & 2030 (USD Billion)

Concrete Admixtures Market, by Function, 2021 & 2030

Source: Secondary Research, Primary Research, MRFR Database and Analyst Review

Concrete Admixtures Material Application Insights

The Concrete Admixtures market segmentation, based on application, includes Residential, Non-Residential and Infrastructure. The Residential segment held the majority share in 2021 with respect to the Concrete Admixtures market revenue. The growing population need additional living space, particularly in tier 1 cities. Construction activity is increasing by both government and private sector enterprises to meet demand. Governments in several nations, including India, are stressing rural development. These are the primary drivers driving the expansion of the residential construction industry. Furthermore, younger generations are dominating the population in growing economies such as India, Japan, and China. In compared to historic structures, the younger generation is more drawn to freshly constructed dwellings. Hence the growth in the residential construction will propel the demand in the Concrete Admixtures market.

October 2021: Sika, a Swiss chemical company, has developed a concrete additive in partnership with the Swiss Federal Institute of Technology Lausanne that uses Limestone Calcined Clay Cement (LC3) technology to reduce CO2 emissions. The technique focuses on making it easier to produce efficient and sustainable cement with less clinker.

Concrete Admixtures Regional Insights

By Region, the study segments the market into North America, Europe, Asia-Pacific, Latin America and Middle East & Africa. Asia-Pacific Concrete Admixtures market accounted for largest market share in 2021 and is expected to exhibit an 6.75% CAGR during the study period. This is attributed to the robust growth of the construction, and other industries in major economies in the region is fueling the demand for Concrete Admixtures.

Further, the major countries studied are: The U.S, Canada, Germany, France, UK, Italy, Spain, China, Japan, India, Australia, South Korea, and Brazil.

Figure 3: Concrete Admixtures MARKET SHARE BY REGION 2021 (%)

Concrete Admixtures MARKET SHARE BY REGION 2021 (%)

Source: Secondary Research, Primary Research, MRFR Database and Analyst Review

North America Concrete Admixtures market accounts for the ~20%-22% market share. The growth is attributed to the growth in the commercial and residential infrastructure development in the region. Further, the USA Concrete Admixtures market held the largest market share and was the fastest-growing market in the region

The Europe Concrete Admixtures Market has the second-largest market share of ~27%-29% in the Concrete Admixtures market. This is due to growth in the construction industry. Moreover, Germany Concrete Admixtures market held the largest market share, and was the fastest growing market in the Asia-Pacific region.

Concrete Admixtures Key Market Players & Competitive Insights

The Concrete Admixtures market is characterized by the presence of , regional, and local players. The market is highly consolidated, with all the players competing to gain significant market share. The key market players of Concrete Admixtures compete based on cost, product quality, availability of raw materials, and durability of the product. They are engaged in expanding their production capacity and investing in R&D activities to gain an edge over competitors. Furthermore, the growing popularity of Concrete Admixtures in residential construction is expected to offer lucrative opportunities to manufacturers in the coming years. However, scarcity of raw materials is expected to hinder the growth of the market studied significantly.

Additionally, the adoption of various strategies by Concrete Admixtures industry such as expansion, R&D, agreements, acquisitions, collaborations, and investments is expected to help these players to gain maximum revenue and long-term growth during the review period. The key participants in the Concrete Admixtures market Fosroc International, Dow Chemical Company, Chryso SAS, BASF SE, Ashland Inc, Sika AG, CICO Technologies Ltd, W.R. Grace & Co, RPM International, and Pidilite Industries.

BASF SE (BASF) is one of the largest chemical producers in the world. The company has divided its business segments into six divisions, namely, materials, industrial solutions, chemicals, surface technologies, agricultural solutions, and nutrition & care. The company operates through 12 divisions that manage 54 and regional business units and develops strategies for the 86 strategic business. BASF has a presence in 80 countries and operates through six Verbund sites, which interlink the working of production plants, energy flows, and infrastructure in different regions. BASF primarily operates in Europe and has an active presence in the Americas, Asia-Pacific, and the Middle East & Africa.

Also, Sika is a specialty chemicals firm that is a market leader in the research and manufacture of systems and solutions for bonding, sealing, damping, strengthening, and protecting in the construction and automotive industries. Sika has operations in 101 countries and manufactures in over 300 plants worldwide.

Key Companies in the Concrete Admixtures market includes

- Fosroc International
- Dow Chemical Company
- Chryso SAS
- BASF SE
- Ashland Inc
- Sika AG
- CICO Technologies Ltd
- W.R. Grace & Co
- RPM International
- Pidilite Industries

Concrete Admixtures Industry Developments

November 2021: Sika has agreed to purchase MBCC Group, the former BASF Construction Chemicals, from a subsidiary of Lone Star Funds, a worldwide private equity company, for EUR 5.2 billion. The merged company will be a critical accelerator in allowing Sika and MBCC Group clients to drive the sustainable transformation farther and quicker. The MBCC Group offers a ly recognized product range of and local brands with a solid reputation for quality and dependability. MBCC Group engages in all phases of the building life cycle with its balanced product offering and is a vital contributor to the construction industry's decarbonization.

Concrete Admixtures Market Segmentation

Concrete Admixtures Function Outlook

- Plasticizers
- Super Plasticizers
- Air Entrainers

- Accelerators
- Retarders
- Waterproofing Admixtures
- others

Concrete Admixtures Application Outlook

- Residential
- Non-Residential
- Infrastructure

Concrete Admixtures Regional Outlook

- North America
 - US
 - Canada
- Europe
 - Germany
 - France
 - UK
 - Italy
 - Russia
 - Spain
 - Rest of Europe
- Asia-Pacific

- - China
- - Japan
- - India
- - South Korea
- - Australia & New Zealand
- - Rest of Asia-Pacific
- - Latin America
 - Mexico
 - Brazil
 - Argentina
 - Rest of Latin America
- - Middle East & Africa
 - Turkey
 - GCC Countries
 - South Africa
 - Rest of the Middle East & Africa

Table of Content:

Contents

1 Executive Summary

2 Scope of The Report

2.1 Market Definition

2.2 Scope of The Study

2.2.1 Research Objectives

2.2.2 Assumptions & Limitations

2.3 Markets Structure

3 Market Research Methodology

3.1 Research Process

3.2 Secondary Research

3.3 Primary Research

3.4 Forecast Model

4 Market Landscape

4.1 Five Forces Analysis

4.1.1 Threat of New Entrants

4.1.2 Bargaining power of buyers

4.1.3 Threat of substitutes

4.1.4	Segment rivalry
4.2	Value Chain/Supply Chain of Global Concrete Admixtures Market
5	Industry Overview of Global Concrete Admixtures Market
5.1	Introduction
5.2	Growth Drivers
5.3	Impact analysis
5.4	Market Challenges
5.5	Impact analysis
6	Market Trends
6.1	Introduction
6.2	Growth Trends
6.3	Impact analysis
7	Global Concrete Admixtures Market by Region
8	Global Concrete Admixtures Market by Function (Plasticizers, Super Plasticizers, Air Entrainers, Accelerators, Retarders, Waterproofing Admixtures and others)
9	Global Concrete Admixtures Market by Application (Residential, Non-Residential and Infrastructure)
10	Company Profiles
10.1	The Dow Chemical Company
10.1.1	Overview
10.1.2	Financials
10.1.3	Portfolio
10.1.4	Business Strategies
10.1.5	Recent Development
10.2	BASF SE
10.2.1	Overview
10.2.2	Financials
10.2.3	Portfolio
10.2.4	Business Strategies
10.2.5	Recent Development
10.3	Sika AG
10.3.1	Overview
10.3.2	Financials
10.3.3	Portfolio
10.3.4	Business Strategies
10.3.5	Recent Development
10.4	W.R. Grace & Co
10.4.1	Overview
10.4.2	Financials
10.4.3	Portfolio
10.4.4	Business Strategies
10.4.5	Recent Development
10.5	Pidilite Industries
10.5.1	Overview
10.5.2	Financials
10.5.3	Portfolio
10.5.4	Business Strategies
10.5.5	Recent Development
10.6	RPM International
10.6.1	Overview
10.6.2	Financials
10.6.3	Portfolio
10.6.4	Business Strategies
10.6.5	Recent Development
10.7	CICO Technologies Ltd
10.7.1	Overview
10.7.2	Financials
10.7.3	Portfolio
10.7.4	Business Strategies
10.7.5	Recent Development
10.8	Ashland Inc
10.8.1	Overview
10.8.2	Financials
10.8.3	Portfolio
10.8.4	Business Strategies
10.8.5	Recent Development
10.9	Chryso SAS
10.9.1	Overview
10.9.2	Financials
10.9.3	Portfolio
10.9.4	Business Strategies
10.9.5	Recent Development
10.10	Fosroc International
10.10.1	Overview
10.10.2	Financials
10.10.3	Portfolio
10.10.4	Recent Development
11	Conclusion
LIST OF TABLES	
Table 1	World Population by Major Regions (2020 To 2027) (Million)
Table 2	Global Concrete Admixtures Market: By Region, 2022-2030 (USD Million)
Table 3	North America Concrete Admixtures Market: By Country, 2022-2030 (USD Million)
Table 4	Europe Concrete Admixtures Market: By Country, 2022-2030 (USD Million)
Table 5	Asia-Pacific Concrete Admixtures Market: By Country, 2022-2030 (USD Million)
Table 6	RoW Concrete Admixtures Market: By Country, 2022-2030 (USD Million)
Table 7	Global Concrete Admixtures for Function Market: By Regions, 2022-2030 (USD Million)
Table 8	North America Concrete Admixtures for Function Market: By Country, 2022-2030 (USD Million)
Table 9	Europe Concrete Admixtures for Function Market: By Country, 2022-2030 (USD Million)
Table 10	Asia-Pacific Concrete Admixtures for Function Market: By Country, 2022-2030 (USD Million)
Table 11	RoW Concrete Admixtures for Function Market: By Country, 2022-2030 (USD Million)
Table 12	North America Concrete Admixtures for Application Market: By Country, 2022-2030 (USD Million)
Table 13	Europe Concrete Admixtures for Application Market: By Country, 2022-2030 (USD Million)
Table 14	Asia-Pacific Concrete Admixtures for Application Market: By Country, 2022-2030 (USD Million)
Table 15	RoW Concrete Admixtures for Application Market: By Country, 2022-2030 (USD Million)

Table 16 Global Concrete Admixtures Application Market: By Region, 2022-2030 (USD Million)
 Table 17 North America Concrete Admixtures for Application Market: By Country, 2022-2030 (USD Million)
 Table 18 Europe Concrete Admixtures for Application Market: By Country, 2022-2030 (USD Million)
 Table 19 Asia-Pacific Concrete Admixtures for Application Market: By Country, 2022-2030 (USD Million)
 Table 20 RoW Concrete Admixtures for Application Market: By Country, 2022-2030 (USD Million)
 Table 21 Global Function Market: By Region, 2022-2030 (USD Million)
 Table 22 Global Application Market: By Region, 2022-2030 (USD Million)
 Table 23 North America Concrete Admixtures Market, By Country (USD Million)
 Table 24 North America Concrete Admixtures Market, By Function (Million USD)
 Table 25 North America Concrete Admixtures Market, By Application (Million USD)
 Table 26 Europe: Concrete Admixtures Market, By Country (USD Million)
 Table 27 Europe: Concrete Admixtures Market, By Function (USD Million)
 Table 28 Europe: Concrete Admixtures Market, By Application (USD Million)
 Table 29 Asia-Pacific: Concrete Admixtures Market, By Country (USD Million)
 Table 30 Asia-Pacific: Concrete Admixtures Market, By Function (USD Million)
 Table 31 Asia-Pacific: Concrete Admixtures Market, By Application (USD Million)
 Table 32 RoW: Concrete Admixtures Market, By Country (USD Million)
 Table 33 RoW: Concrete Admixtures Market, By Function (USD Million)
 Table 34 RoW: Concrete Admixtures Market, By Application (USD Million)

LIST OF FIGURES

FIGURE 1 Global Concrete Admixtures market segmentation
 FIGURE 2 Forecast Methodology
 FIGURE 3 Five Forces Analysis of Global Concrete Admixtures Market
 FIGURE 4 Value Chain of Global Concrete Admixtures Market
 FIGURE 5 Share of Global Concrete Admixtures Market in 2020, by country (in %)
 FIGURE 6 Global Concrete Admixtures Market, 2022-2030, (USD billion)
 FIGURE 7 Sub-segments of Applications
 FIGURE 8 Global Concrete Admixtures Market size by Application, 2020
 FIGURE 9 Share of Global Concrete Admixtures Market by Application, 2020 to 2027
 FIGURE 10 Global Concrete Admixtures Market size by Function, 2020
 FIGURE 11 Share of Global Concrete Admixtures Market by Function, 2020 to 2027