+357 96 030922
info@marketpublishers.com

Construction Chemicals Market Assessment, By Materials [Acrylic, Polyurethane, Polyacrylate, Others], By Product Type [Water Repellants, Mortar Admixtures, Efflorescence Control, Cement Grouts, Sealants, Thickener, Dispersing Agent, Concrete Floor Coatings, Others], By End-user [Residential Construction (High Rise Building, Apartments, Raw Houses, Others), Non-Residential Construction (Industrial, Public Places, Others), Dams & Tunnels, Others], By Region, Opportunities and Forecast, 2016-2030F

https://marketpublishers.com/r/C488A2B3809CEN.html
Date: March 2025
Pages: 221
Price: US$ 4,500.00 (Single User License)
ID: C488A2B3809CEN

Abstracts

Global Construction Chemicals Market size was valued at USD 74.88 billion in 2022, expected to reach USD 123.93 billion in 2030 with a CAGR of 6.5% for the forecast period between 2023 and 2030. Construction chemicals are suitable for a wide range of solutions that are imperatively important in various sorts of construction projects. Construction chemicals are available in numerous varieties that provide effective solutions to infrastructure projects by extending the life and strength of such projects. Construction chemicals are available in different form of categories that are incorporated as hardening agents, coating solutions, waterproofing, etc.

Construction Chemicals Incorporated as Polymer Modified Mortar in the Construction Industry

Different types of construction chemicals are employed during infrastructure

+357 96 030922
info@marketpublishers.com

construction in various building stages. The explosion in urban population along with developing bridges, tunnels, and dams are prominently driving the construction chemical market. Conventional binders are lacking the strength characteristics and the replacement of such binders with polymers form a new type of polymer-modified mortar. Adding polymers subsequently improves the adhesion characteristics of mortar, imparting toughness, tensile strength, and resistance to few degraded chemicals. Polymer-modified mortar is often commercially available with all suitable ingredients to form strong admixtures.

The Biden administration has cleared a huge amount of USD 550 billion to substantially upgrade infrastructure projects, including roads, bridges, dams, etc. A long bridge in Saudia Arabia is coming into existence, connecting the intersection with the Riyadh-Jeddah highway.

The Applications of Construction Chemicals in Developing Concrete Curing Compounds

The advancement in creating chemical compounds with mixtures provides impeccable strength, thereby ensuring a smooth appearance on the surface. Concrete curing compounds are one kind of substance that comprises essential waxes, natural resins, and solvents of high volatility. The applied compound on the fresh concrete surface forms a moisture retention film, providing heat reflectance and a visible appearance. The addition of construction chemicals also assists in enhancing chemical resistance, impact, and abrasion resistance and is extensively used on industrial and factory floors.

The United States is recognized as the second largest chemical producing company, accounting for around USD 517 shipments in 2021. During the same year, the chemical industry in the United States reached 10% of all goods exports, where the contribution achieved USD 153 billion. With more than USD 30 billion in investments, the chemical sector to expand capacity and derive towards sustainability.

Construction Chemicals as Dry Mortars for Developing Innovative Building Materials

The strength of commercial as well as residential buildings is subsequently enhanced by incorporating cement and gypsum-based dry mortars. Different formulations are explored for creating dry building materials with significant properties like water retention, utmost strength, and excellent workability. The proper composition of dry mortars delivers distinctive textures in cement, and improves the cohesiveness and appearance of building materials. In forming dry mortars, the microscopic air bubbles should be uniformly distributed that improves workability. Ashland has developed a

+357 96 030922
info@marketpublishers.com

series of products that substantially assist in controlling rheology, water retention, workability, adhesive strength, deposition, and suspension while minimizing the challenges. Their trademark Aqualon product delivers numerous features like enhancing workability and providing phenomenal properties to dry-mixed building products.

Rise in Construction Activities are Amplifying the Market Growth

Construction chemicals such as water repellants, mortar admixtures, and efflorescence control are chemical substances deployed in the building & construction industry to enhance the tensile strength and performance of building materials, including cement and concrete. Furthermore, the increasing deployment of construction chemicals ensures superior strength, efficient workability, and excellent weather resistance. As a result, construction chemicals are vital for building & construction applications such as residential, commercial, industrial, and infrastructure to ensure excellent resistance. The increasing demand for larger commercial spaces, rising investments in parks, and the ongoing development of mixed-use commercial buildings are the prominent aspects amplifying the commercial construction industry.

For instance, in quarter 2 of 2023, construction of various commercial projects commenced at the global level, including Wadala GST Office Building in India (project completion year 2026), The Great Park Framework Green Space Community in the United States (project completion year 2030), and Forma Mixed-Use Development in Canada (project completion year 2028) are under various stages of construction. Henceforth, the booming development of new building & construction projects is spurring the demand for construction chemicals to ensure superior protection from the external environment. Therefore, the rise in the building & construction activities is propelling the construction chemicals market growth.

Significant Share of the Asia-Pacific in the Overall Market

The building and construction sector in Asia-Pacific is a key industry contributing to the overall economic growth of Asia-Pacific. The growth of construction activities in the Asia-Pacific buildings, surging public-private partnerships for infrastructure development projects, and the construction of new educational institutes.

For instance, as of November 2023, construction projects such as the Yamaguchi City Government Building in Japan (project completion year 2025) and Don Mueang–Suvarnabhumi–U-Tapao High-Speed Railway in Thailand (project completion year 2029) are under the development stage. Moreover, according to the recent

+357 96 030922
info@marketpublishers.com

statistics published by Invest India, a government of India nodal agency, India's building and construction sector is projected to reach USD 1.4 trillion in 2025. The prime factors that will drive the growth of the Indian construction industry include an increase in policy support to ensure the rapid pace of infrastructure development projects, the growing population, and the robustly expanding industrial facilities. As a result, the flourishing building & construction activities in the Asia Pacific region are augmenting the demand for construction chemicals, this, in turn, is driving the market growth.

Impact of COVID-19

The outbreak of COVID-19 has severely impacted numerous sectors and human livelihood where every person was vulnerable to infectious disease. The shutdown of industrial operations due to imposed lockdowns and a workforce impacted numerous sectors, including construction chemicals. The closure of real estate business and workable construction industry has significantly impacted the growth of construction chemicals market. For illustration, according to the data published by Knauf Insulation., a leading insulation company, in 2020, the European Union construction industry registered a decline of 5.1% as compared to the year 2019 as major construction projects associated with high-rise building, infrastructure projects, and commercial buildings were halted in the region.

Likewise, the production of construction chemicals manufacturing facilities was halted since it did not fall under the category of essential products, thereby impacting the overall global supply of construction chemicals. This restricted the growth of the market in the year 2020. But with the ease in imposed conditions the real estate sectors started to recover economy and launched new projects that led it back to the track of development. Consequently, the construction chemicals market has incredible potential with the growth and demand of smart solutions for buildings and constructions.

Key Players Landscape and Outlook

The construction chemicals market is successfully growing with the increasing demand of sustainable chemical cement mixtures that has led to strong building structures. The Euclid Chemical Company has prominently developed a wide range of admixtures that assist in all concrete masonry applications. Eucon Hydrapel is a plasticizing, efflorescence controlling admixture significantly developed for increasing mix water tolerance by minimizing concrete thickness. The cementitious mixture assists in improving material flow, maximizing density, strength, and product consistency. It is incorporated in segmental retaining wall units, concrete block, roof tiles and bricks along

+357 96 030922
info@marketpublishers.com

with decorative precast. Under the masonry admixtures they company also has water repellants, mortar admixtures, plasticizers in their construction chemical lists.

In September 2022, The Euclid Chemical Company partnered with Unifi where the development has led to produce an innovative synthetic microfiber for enhancing concrete reinforcement while following the sustainable goals. PSI Fiberstrand REPREVE 225 is a fine monofilament synthetic microfiber which is produced from resourced polyester material from degraded plastic bottles.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

7. CONSTRUCTION CHEMICALS MARKET OUTLOOK, BY REGION, 2016-2030F

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Construction Chemicals Market Assessment, By Materials [Acrylic, Polyurethane, Polyacrylate, Others], By Product Type [Water Repellants, Mortar Admixtures, Efflorescence Control, Cement Grouts, Sealants, Thickener, Dispersing Agent, Concrete Floor Coatings, Others], By End-user [Residential Construction (High Rise Building, Apartments, Raw Houses, Others), Non-Residential Construction (Industrial, Public Places, Others), Dams & Tunnels, Others], By Region, Opportunities and Forecast, 2016-2030F

Product link: https://marketpublishers.com/r/C488A2B3809CEN.html

Price: US$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/C488A2B3809CEN.html