

Global Construction Chemicals Market Outlook to 2027

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Abstracts

Construction chemicals belong to a niche specialty chemical segment of the chemical industry. They can be used in new construction projects to impart durability & strength to the structures or existing construction projects to speed up the work. According to BlueQuark Research & Consulting, the global construction chemicals market is expected to grow at a considerable rate during the forecast period. Technological advancements and innovations in the construction chemicals to impart superior durability and strength to the structure and favorable construction plans by the various governments are expected to boost the market growth in the near future. Furthermore, the increasing urban population and its growing demand for better quality residential and non-residential buildings are escalating the market growth.

Rapid urbanization has positively contributed to the growth of construction, chemical, and power generation sectors, which drives the growth of the construction chemical market. In 2019, more than half of the world's population lived in urban areas, and the urban population is estimated to reach 2.5 billion by the year 2050. These trends are mainly observed in African and Asian countries. For instance, Japan's urbanization is more than the degree of urbanization worldwide. Worldwide urbanization is at 55%, while Japanese urbanization has leveled off at around 91%. A large chunk of the population living in the urban areas, combined with technological advancements, is boosting the market for construction chemicals. Similarly, China is the most populous country globally, with a population of around 1.398 billion in 2019, with more than 60% of the population living in an urban setting. Furthermore, China has the most massive building market in the world and is equivalent to almost 20% of all construction investments globally. The investment in the construction industry is expected to grow in the region to around USD 13 trillion by 2030. Most of the urban population face problems like homelessness, poor health & educational services, and inadequate

services & infrastructure, among others. The process of urbanization has affected all the settlements, so villages gradually become small towns, smaller towns become larger towns, and larger towns become cities. According to the United Nations, as of 2020, 33 megacities in the world require planned habitation for the rapidly growing urban population rate of 1.84%. The rapid expansion of these settlements has drastically enhanced the need for public infrastructure and residential & commercial buildings. In India, during the next five years, the government intends to spend Rs 48,000 crore (USD 48 billion) on building smart cities. The initiative, which coincides with the country's infrastructure and construction boom, is expected to offer substantial growth opportunities for the construction chemicals sector. Rapid developments in emerging countries and the use of innovative products and construction materials in construction activities are anticipated to drive the growth of the global construction chemical market. Increasing construction expenditures in both improvement & repair projects and new construction will drive the demand for construction chemicals in the forecasted period.

As the number of global cases of COVID-19 increased, its impact on the construction industry has been drastic in the last few months. The global construction chemicals industry experienced difficulties with construction material supply chain disruption, labor shortages, sustainable infrastructure, and the city-wide shutdowns of construction sites.

New hardening admixtures are advancing concrete. One of the significant objectives of concrete solutions today is to eliminate the need for expensive repairs and replacements by substantially increasing the service life of buildings and infrastructure. One new example of this comes from Kryton, which has launched Hard-Cem, a concrete hardening admixture. This is used to increase the abrasion and erosion resistance of concrete using technology that extends the wear life up to six times. An increase in nanotechnology research has led to its use in ceramic coating for waterproofing. The Nanotechnologists have made nanocoatings covering every inch of the concrete in high-rise buildings and form nanostructures on the surface.

The global Construction Chemicals Market is segmented on the basis of type and end-user. The end-user segment is further segmented as Residential and Non-Residential. Continuous economic growth in various developed and emerging markets such as Asia, Africa, the Middle East, and Latin America, coupled with lucrative financing deals backed by low-interest rates, is expected to boost the global residential construction industry. High demand for residential spaces in metro cities globally due to fast-growing urbanization makes the overall outlook on the residential construction sector positive. The residential sector includes building for multi-family dwellings, single-unit, duplex,

quad-plex, and apartments. The rising middle-class population mainly in the Asia Pacific and the Middle East has resulted in increasing construction spending for developing residential areas. In China, urban homeownership rates had increased from around 50% in 1996 to between 80 and 90% in 2018-19. This high growth rate of ownership also reflects the role of property as an investment vehicle for Chinese households. India's urban population is expected to grow by a staggering 165 million by 2030. The residential construction in India is anticipated to grow almost twice as fast as in China by 2030. Similarly, London's population is expected to rise to 10 million by 2031. Much of this population rise comes from the overspill of the new wealthy in and from emerging markets, seeking a luxury home in Europe. Concrete admixtures play an important role in improving the workability, durability, acceleration, or retardation of setting time, reducing water-cement ratio, etc., and are henceforth increasingly preferred in residential construction. Persistence needs to save water has propelled the demand for admixture across residential construction to achieve the desired workability without utilizing large amounts of water.

Based on geography, the global Construction Chemicals Market is segmented into Asia Pacific, North America, South America, Europe, and Middle East & Africa. Asia Pacific region was found to be the largest market for construction chemicals globally. The region is also anticipated to exhibit the highest CAGR through the forecast period. The major markets for construction chemicals in the region include China, India, and ASEAN Countries among others.

The United States is the world's largest emerging economies. The GDP of the country has decreased at an annual rate of 5% in the first quarter and 9.5% in the second quarter of 2020 due to the ongoing coronavirus pandemic. The construction industry is a significant contributor to the country's economy. Construction is one of the largest customers for mining, manufacturing, and a variety of services. The USD 20 trillion US economy relies on a vast network of infrastructure, from bridges and roads to freight rail and ports to electrical grids and internet provision. In the country, metropolitan areas that recently witnessed strong construction markets include New York, Boston, Dallas, Miami, Austin, Houston, Chicago, San Antonio, Los Angeles, San Diego, San Francisco, Washington DC, and Seattle. The residential market in Phoenix remains vigorous. The spending growth in the coming years is expected to be led by public institutions and infrastructure investments across non-residential and residential structures. In 2020, construction spending in the first two months combined increased by 8% compared to the same period in 2019. The growth is spurred by a 13% jump in single-family construction, an 11% rise in public construction, and the lowest 1% increase in private non-residential spending. The United States differs from most other

industrialized countries by the extent to which it relies on state and local spending to meet its infrastructure needs. The construction industry in the region is growing due to a strong economy and positive market fundamentals for commercial real estate and an increase in federal and state funding for public works and institutional buildings. Only 25% of US public infrastructure funding comes from the federal government. The federal government of the country supports infrastructure in some indirect ways such as tax incentives or financing mechanisms. Between the years 2000 and 2018, the US population increased by 16.3% and the number of housing units increased by 19.5%. Furthermore, according to the US Census Bureau, residential building permits hit a 12-year high in December 2019, surging 11.1% over the year. Housing starts were also up, jumping 13.6% over November 2018, while housing completions rose 7.3%. The ongoing coronavirus pandemic hit the construction industry in the country adversely due to state or local government-mandated halts to nonessential construction activity. Moreover, a growing number of state and local governments limited and froze work on the construction project.

In 2019, the global market for the construction chemicals market was fragmented with major players accounting for a minor share of the overall market. Key market players/construction chemicals manufacturers in the global construction chemicals market include Sika AG , 3M , RPM International Inc. , and Fosroc Inc. , among others.

In June 2020, Sika acquired Modern Waterproofing Group, a leading manufacturer of roofing and waterproofing systems in Egypt. The acquired business generates annual revenue of CHF 26 million.

In Sep 2020, BASF closed the divestiture of its Construction Chemicals business to an affiliate of Lone Star, a global private equity firm for EUR 3.17 billion.

In Jul 2020, Arkema announced the proposed acquisition of Fixatti, a company specialized in high-performance thermobonding adhesive powders. This acquisition is likely to enable Bostik to strengthen its global offering of hotmelt adhesive solutions for niche industrial applications in the construction, technical coating, battery, automotive, and textile printing industries.

Our Global Construction Chemicals Market report study provides deep insight into the current and future state of the Construction Chemicals Market across various regions. The study comprehensively analyzes the Construction Chemicals market segmentation based on type (Concrete Admixtures segment, Waterproofing Materials market size, Flooring Compounds, Repair & Rehabilitation, construction adhesive market size,

construction sealant market size, Adhesives & Sealants, Protective Coatings, Performance Grouts, flooring chemicals, waterproofing chemicals, and Others), by end-user (Residential and Non-Residential), and by Geography (Asia Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints, along with the impact of Covid-19 are influencing the market growth in detail. The study covers & includes emerging market overview, market trends, market developments, market opportunity, regional market, construction chemicals market size, raw material analysis, segment market growth, market analysis & market estimates, market dynamics, and challenges in the industry. This report also covers extensively researched competitive landscape sections with profiles of major companies including construction chemicals market share and projects.

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