

North America FGD Gypsum Market Forecast to 2030 - Regional Analysis - by Application (Wallboard/Drywall, Cement, Agriculture, Water Treatment, and Others)

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Report description:

The North America FGD gypsum market was valued at US\$ 385.74 million in 2022 and is expected to reach US\$ 518.29 million by 2030; it is estimated to grow at a CAGR of 3.8% from 2022 to 2030.

Rising Preference for Gypsum Board in Construction Industry fuel the North America FGD Gypsum Market

A gypsum board, also known as a drywall panel, is preferred over plaster since it is easier to install and repair, less expensive, and more durable. It takes less time to mount and is also widely available. Fire-resistant properties and feasibility of utilization are common factors increasing the use of gypsum in residential and nonresidential construction activities. Gypsum boards are widely used as a substitute for wooden panels and concrete walls in modern buildings and interiors, as they can be installed easily and quickly. Gypsum boards also contain recycled content such as Flue Gas Desulfurization (FGD) gypsum. In the US, gypsum board is generally used as an indoor building material. In the US and Canada, gypsum boards are manufactured in accordance with ASTM Specification C 1396, a reference standard for all gypsum board products. This standard is to be applied whether the gypsum board consists of natural ore or synthetic gypsum. FGD gypsum boards are extensively used as a finishing material in the construction of modern buildings-mainly for ceilings, partitions, and interior walls. Also, they are lightweight, flexible to use, cost-effective, and durable. These panels are available in different colors and varieties such as regular, green board, blue board, purple, paperless, type X fire-resistant, and soundproof drywall, which helps add desirable and luxurious aesthetics to the interiors of a building. In addition, drywall panels comply with all the requirements for design in architecture, thus preferred over other construction materials. According to the United States Geological Survey (USGS), the quantity of 3/8 inch gypsum board sold in the US increased from 633 million square feet in 2020 to 669 million square feet in 2021. The rising preference and utilization of gypsum boards in residential, commercial, industrial, and utility spaces, owing to their advantages such as low cost, ease of installation, fire resistance, non-toxicity, sound attenuation, and availability is contributing to the FGD gypsum for drywall market growth.

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North America FGD Gypsum Market Overview

North America holds an extensive growth opportunity for the FGD gypsum market players due to its growing utilization in the end-use industries, that includes construction, agriculture, and water treatment. Synthetic gypsum especially FGD gypsum is utilized in various interior, exterior, and structural building & construction applications. The construction sector in North America is witnessing growth due to a robust economy and increased federal and state financing for commercial and institutional structures in the region. According to a report published by the US Census Bureau in 2022, the spending on residential construction in the US increased from US\$ 815.48 billion in 2021 to US\$ 929.67 billion in 2022. According to the US Geological Survey, synthetic gypsum accounted for ~32% of total supply of gypsum in the US, during the 4th quarter of 2021. Whereas the total consumption of synthetic gypsum accounted for 13.0 million metric tons in the US, in 2021. The demand for FGD gypsum is driven by construction activities, and production of wallboard/drywall in the region. According to the US Geological Survey, the wallboard products sold in the US accounted for 28.0 billion square feet. The production capacity of 63 operating gypsum panel manufacturing plants in the US was 34.1 billion square feet per year, in 2021. Therefore, growing construction activities, and prevalence of wallboard manufacturing facilities in the region is expected to boost the demand for FGD gypsum during the forecast period.

North America FGD Gypsum Market Revenue and Forecast to 2030 (US\$ Million)

North America FGD Gypsum Market Segmentation

The North America FGD gypsum market is segmented based on application and country. Based on application, the North America FGD gypsum market is segmented into wallboard/drywall, cement, agriculture, water treatment, and others. The wallboard/drywall segment held the largest market share in 2022.

Based on country, the North America FGD gypsum market is segmented into the US, Canada, and Mexico. The US dominated the North America FGD gypsum market share in 2022.

Georgia-Pacific LLC, EP Power Minerals GmbH, Holcim Ltd, Knauf Gips KG, Compagnie de Saint-Gobain SA, American Gypsum Co LLC, and National Gypsum Co are some of the leading players operating in the North America FGD gypsum market.

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