

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

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Abstracts

The Asia Pacific FGD gypsum market was valued at US\$ 1,320.71 million in 2022 and is expected to reach US\$ 1,906.18 million by 2030; it is estimated to grow at a CAGR of 4.7% from 2022 to 2030.

Growing Construction Industry fuel the Asia Pacific FGD Gypsum Market

Gypsum is used in the construction industry as a filler for cement and plasters to increase their strength while reducing the setting time of concrete. FGD gypsum is a synthetic gypsum highly preferred due to its low life cycle impact compared to natural gypsum, FGD gypsum is also used to make decorative panels, drywall panels, wallboard, and gypsum board. The rising demand for these panels in the construction industry bolsters the demand for gypsum. The governments and regulatory authorities in Asia Pacific are focusing on additional infrastructure investment. In India, the growth in construction activities is driven by growing industrialization, increasing population, rising middle-class income, and increasing infrastructure development. According to the National Investment Promotion & Facilitation Agency (India), the Indian construction industry is projected to reach US\$ 1.4 trillion by 2025. Moreover, in India, government initiatives such as Housing for All, Smart Cities Mission, and Swachh Bharat Abhiyan boost the demand for building materials. Thus, the growing construction activities in various countries across the region create an enormous demand for various construction materials, including drywall panels. Hence, the rising construction industry across the region is contributing to the demand for FGD gypsum for drywall market.

Asia Pacific FGD Gypsum Market Overview

Asia Pacific accounts for major consumer of coal for power plants, driven by government policies and changes in economic activity. According to the report published by International Energy Agency in 2022, Chinese power sector accounts for one-third of global coal consumption, which grew significantly in 2021 due to increase in electricity demand. Moreover, Southeast Asian countries such as Indonesia and Vietnam planned to expand coal-based power. According to Indonesia Ministry of Energy and Mineral Resources, Electricity Supply Business Plan (RUPTL) 2019-2028, Indonesia planned to expand coal power capacity by 27 Gigawatts (GW). Nonetheless, stringent government regulations pertaining coal power plant emissions have prompted coal power plants to install Flue Gas Desulfurization (FGD) system, to convert flue gases generated by power plants into FGD gypsum. Chinese government implemented series of policies such as on-grid tariff premium and operational priority for power plants with scrubbers, to promote installation of FGD system. According to the Federation of Indian Chambers of Commerce & Industry (FICCI), Central Electricity Authority (CEA) drafted a plan for phased implementation of FGD system at power plants. In 2021, FGD system was installed at the 1,340 Megawatts NTPC (National Thermal Power Corporation) coal-power plant. Further, as per International Trade Administration, total investment in China's infrastructure during the 14th Five-Year Plan period (2021-2025) is estimated to reach ~US\$ 4.2 trillion. Therefore, the fostering FGD gypsum production capacities, and growing construction industry in the Asia Pacific is projected to boost the demand for FGD gypsum during the forecast period.

Asia Pacific FGD Gypsum Market Revenue and Forecast to 2030 (US\$ Million)

Asia Pacific FGD Gypsum Market Segmentation

The Asia Pacific FGD gypsum market is segmented based on application and country. Based on application, the Asia Pacific 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 Asia Pacific FGD gypsum market is segmented into Australia, China, Japan, India, South Korea, the Rest of Asia Pacific. China dominated the Asia Pacific FGD gypsum market share in 2022.

EP Power Minerals GmbH, CASEA GmbH, Holcim Ltd, Knauf Gips KG, Travancore Titanium Products Ltd, and Compagnie de Saint-Gobain SA are some of the leading players operating in the Asia Pacific FGD gypsum market.

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