

Active Calcium Silicate Market Analysis, By Application (Insulation, Paintings & Coatings, Fire Protection, Cement, Ceramics), By Region, And Segment Forecasts, 2014 - 2025

<https://marketpublishers.com/r/AAF5B5E6795EN.html>

Date: May 2017

Pages: 76

Price: US\$ 5,950.00 (Single User License)

ID: AAF5B5E6795EN

Abstracts

The global active calcium silicate market is expected to reach USD 203.0 million by 2025, according to a new report by Grand View Research, Inc. Increasing demand from ceramic industry is key growth factor driving active calcium silicate market. In addition, presence of fire safety standards in major economies such as U.S., Germany, China, India, and Brazil are further fueling the demand over the forecast period.

Active calcium silicate is used as a safer alternative to asbestos in high temperature insulation applications. Industrial equipment insulation and grade piping is fabricated from active calcium silicate. Moreover, major application segments include cement, ceramics, paints & coatings, fire protection, and insulation. Due to its superior technical properties such as low thermal conductivity and excellent thermal shock resistance; it is widely used for industrial high temperature insulation.

In terms of volume, insulation was estimated as the largest application segment in 2016 and is anticipated to continue the trend by 2025 with a CAGR of 5.9% from 2017 to 2025. It is widely used owing to its advantageous characteristics such as high strength, efficient water repellence, microstructure, better water absorption and thermal stability.

The demand for active calcium is expected to boost owing to a positive outlook for construction industry over the forecast period. In addition, the presence of regulations and guidelines pertaining to fire safety standards in a commercial and residential building in the European region is further fueling the market growth.

Further key findings from the report suggest:

Fire protection segment is projected to experience the fastest growth in terms of revenue at a CAGR of 8.0% from 2017 to 2025 on account of stringent regulations imposed by various regulatory bodies across the region

Insulation emerged as the largest application segment in terms of volume in 2016 and is estimated to reach 35.5 kilo tons by 2025. Global revenue in paints & coatings segment was estimated to be USD 12.3 million in 2016 and is anticipated to experience steady growth over the forecast period. The U.S. active calcium silicate market in terms of volume was 5.8 kilo tons in 2016 and is estimated to grow at a CAGR of 5.3% from 2017 to 2025

Ceramic application segment in terms of volume was estimated at 8.3 kilo tons in 2016 owing to growing applications of false ceilings in residential construction sector

Promat International NV, Skamol A/S, American Elements Corporation, HIL Limited, Weifang Hong Yuan Chemical Co., Ltd., Johns Manville Corporation are some of the key market players dominated the global active calcium silicate market

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