

Analysis of Active Calcium Silicate Market applications and companies active in the industry

Active Calcium Silicate Market size is forecast to exceed USD 215 million by 2024; according to a new research report by Global Market Insights, Inc.

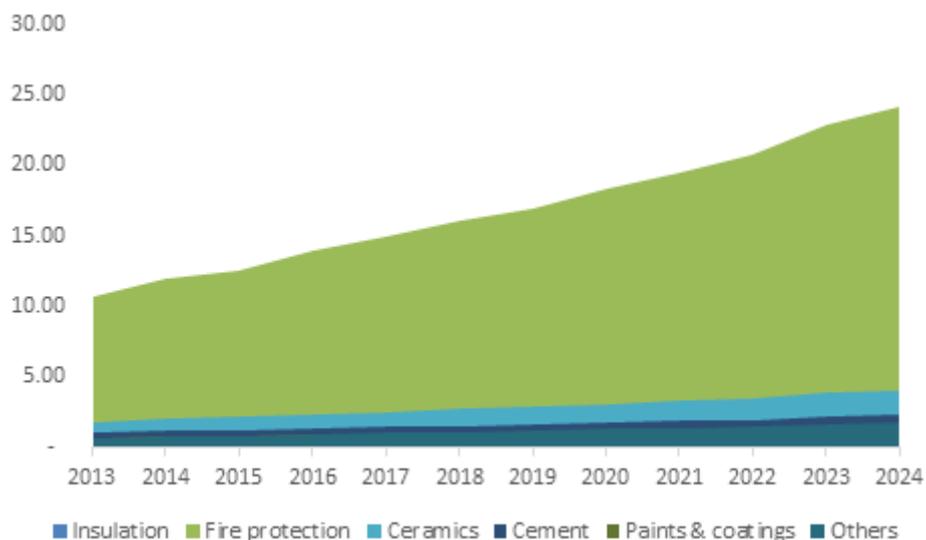
Global active calcium silicate market is set to see consumption in excess of 115 kilo tons by 2024. Strong outlook towards construction spending along with passive fire protection (PFP) demand across residential and infrastructure projects should drive product demand. It is used for technical applications such as high temperature stability and sound absorbents.

With intumescent and fire resistant characteristics, it is majorly used in acoustic tiles and wallboard applications along with clay and brick product formulation and can help in reducing shrinkage owing to excessive heat exposure. Uses also include board and block in electric arc furnace and blast furnace for high temperature insulation applications. Strong HTI application scope across petrochemical, glass and steel industries will stimulate active calcium silicate market.

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U.S. active calcium silicate market size, by application, 2013-2024 (USD Million)



Active calcium silicate market size from insulation applications may witness highest gains at over 5%. It is used in oil & gas, electronics, and construction industries to protect machines from exterior hazards or shocks, and thereby maintaining system temperature. Stringent NIOSH & OSHA guidelines with respect to usage will remain a

challenge for companies. The industry is heavily regulated across the U.S., Germany, Italy, France and Italy towards test methods and quality standards for thermal insulation materials.

Key raw materials include sodium silicate, limestone, and hydrochloric acid. Sodium silicate is used in various applications such as catalyst, detergents, food, healthcare, pulp & paper, and elastomers. In addition, it is used as feedstock for manufacturing magnesium, zirconium, potassium, and ethyl silicates. These factors have impact over active calcium silicate market price trend.

Key insights from the report include:

- Europe [active calcium silicate market](#) should witness consumption of over 40 kilo tons by 2024. ECSPA provides norms for standardization and technology for construction projects in masonry field.
- U.S. active calcium silicate market should witness gains at over 3.5%. Favorable regulatory compliances by ASTM to formulate, regulate and direct fire safety standards along with test method for measuring compressive properties of thermal and acoustic insulations should boost regional growth.
- Fire protection applications across China will witness significant gains, rising awareness along with increasing government initiatives towards implementing passive fire protection in buildings will drive growth.
- Ceramic applications in Brazil are likely to see consumption exceed 90 tons. Growing consumer awareness towards high quality ceramic tiles to replace conventional floors and walls should fuel product demand.
- Trade statistics support product export opportunities to Saudi Arabia, UAE and South Africa, which can offer manufacturers to increase regional presence.
- Global active calcium silicate market is competitive and some companies operating in this industry include Promat International, Skamol, HIL Limited, Ramco Industries and 2K Technologies.

About Global Market Insights

Global Market Insights, Inc., headquartered in Delaware, U.S., is a global market research and consulting service provider; offering syndicated and custom research reports along with growth consulting services. Our business intelligence and industry

research reports offer clients with penetrative insights and actionable market data specially designed and presented to aid strategic decision making. These exhaustive reports are designed via a proprietary research methodology and are available for key industries such as chemicals, advanced materials, technology, renewable energy and biotechnology.

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