

Global Fire Protection Materials Market Size study, by Product (Sealants, Mortar, Spray, Putty, Sheets/Boards), by End-Use (Residential, Commercial, Industrial), and Regional Forecasts 2022-2032

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Abstracts

The Global Fire Protection Materials Market is valued approximately at USD 5.87 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 8.9% over the forecast period 2024-2032. Fire protection materials are essential components in ensuring the safety and longevity of buildings and structures, particularly in high-risk industries and urban environments. These materials help prevent the spread of fire, safeguard property, and save lives by maintaining the structural integrity of buildings during fire incidents. Stringent government regulations, such as the National Fire Protection Association (NFPA) codes in the U.S. and the European Union's EN 13501 standards, are compelling industries to adopt fire-resistant materials, driving market growth. Additionally, advancements in fire protection technologies, including intumescent coatings and fire-resistant boards, are revolutionizing the construction and industrial sectors by improving safety and compliance.

The expansion of industries such as construction, oil and gas, and transportation is significantly boosting the demand for fire protection solutions globally. The growing number of residential and commercial construction projects in emerging economies is another key factor fueling the adoption of fire protection materials. For instance, large-scale infrastructure developments in countries like China, India, and Saudi Arabia are creating lucrative growth opportunities for the market. However, the high costs associated with advanced fire protection materials and the complexities of navigating varying regulatory frameworks across regions may hinder the market growth to some extent.

The market for fire protection materials is witnessing rapid innovations in product offerings. Intumescent sealants and advanced fire-resistant coatings are gaining traction due to their superior performance in extreme conditions. Furthermore, companies are investing heavily in research and development to create eco-friendly and sustainable fire protection materials. For example, products that comply with green building certifications, such as LEED, are increasingly being adopted to meet environmental sustainability goals.

Key regions considered in the study include North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. North America dominated the global fire protection materials market in 2023, attributed to its strict building codes, significant investments in infrastructure, and growing awareness of fire safety. The Asia Pacific region is anticipated to grow at the fastest rate during the forecast period due to urbanization and industrial expansion in countries like China and India. Similarly, the Middle East and Africa are experiencing robust growth, driven by new construction projects under initiatives like Saudi Arabia's Vision 2030.

Major market player included in this report are:

Akzo Nobel N.V.

3M

BASF

Sika AG

Hilti

Morgan Advanced Materials

Henkel AG & Co. KGaA

Saint-Gobain

Etex Group

Owens Corning

Knauf Insulation

Trelleborg AB

Recticel Insulation

Promat International

Rockwool International A/S

The detailed segments and sub-segment of the market are explained below:

By Product:

Sealants

Mortar

Spray

Sheets/Boards

Putty

Others

By End-Use:

Residential Construction

Commercial Construction

Industrial Construction

By Region:

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Spain

Asia Pacific

China

India

Japan

Latin America

Brazil

Argentina

Middle East & Africa

Saudi Arabia

South Africa

Years considered for the study are as follows:

Historical year –2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Demand-side and supply-side analysis of the market.

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