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Fire Stopping Materials Market Forecasts to 2030 – Global Analysis By Type (Mortars, Sealants, Cast-in devices, Boards, Putty and Putty Pads, Collars, Wraps/Strips and Other Types), Application, End User and By Geography

https://marketpublishers.com/r/FB12B8C03D19EN.html
Date: February 2025
Pages: 150
Price: US$ 4,150.00 (Single User License)
ID: FB12B8C03D19EN

Abstracts

According to Stratistics MRC, the Global Fire Stopping Materials Market is accounted for $2.05 billion in 2024 and is expected to reach $4.41 billion by 2030 growing at a CAGR of 13.6% during the forecast period. Fire-stopping materials are crucial building materials that stop smoke and fire from spreading through gaps in fire-rated ceilings, floors, and walls. These materials are made to close off openings around electrical cables, ducts, pipes, and other penetrations so that fire-resistant barriers stay intact. Different types of fire stopping materials, such as sealants, intumescent coatings, fire-resistant pillows, and mineral-based products, offer varying degrees of protection based on the particular requirements of the building.

According to the National Remote Sensing Centre (NRSC) and the National Disaster Management Authority (NDMA), forest fires are indeed a significant concern in India. Approximately 33% to over 90% of forest areas in different states are prone to fires annually.

Market Dynamics:

Driver:

Rising awareness of fire hazards

A greater understanding of the devastating effects that fires can have is the reason for

the increased emphasis on fire safety in both the residential and commercial sectors. The need for materials that can stop fires from spreading has increased as a result of high-profile events like the Grenfell Tower fire in the UK, which brought attention to fire safety in multi-story buildings. Furthermore, as people become more conscious of the dangers posed by fire, more fire-stopping materials are being used in both new construction and building renovations. Building owners are placing a higher priority on fire safety in sectors like healthcare, education, and hospitality, which is driving up demand for fire-stopping products.

Restraint:

Expensive advanced fire stopping materials

High-quality fire-stopping materials, especially those that provide better protection, are frequently more expensive to use. For instance, high-tech fire prevention products like silicone-based products and intumescent sealants are typically more costly than traditional substitutes. This disparity in cost can be a major barrier, particularly for contractors, small to medium-sized construction firms, or property owners with tight budgets. These materials also need specialized labor to be installed, which raises the total cost even more. Moreover, fire-stopping solutions may not be widely adopted due to the high cost of materials and installation, especially in markets or industries where cost-effectiveness is a top concern.

Opportunity:

Renovating and retrofitting current infrastructure

Fire-stopping material suppliers have a big opportunity as a result of the growing trend of retrofitting older buildings to meet modern fire safety standards. Older structures frequently lack proper fire-stopping measures, especially those constructed prior to the strict enforcement of fire safety regulations. It is possible to stop the spread of fire and save lives and property by retrofitting these buildings with barriers and seals that are resistant to fire. Additionally, fire-stopping materials and retrofitting services will continue to be in high demand as governments and property owners place a greater emphasis on building safety and regulatory compliance.

Threat:

Price pressure and fierce competition

The market for fire-stopping materials is extremely competitive, with many manufacturers producing comparable goods. New businesses may enter the market as the need for fire safety products grows, escalating competition and putting pressure on prices. Smaller businesses may find it difficult to compete on price and product quality, while larger players with well-known brands may dominate. Profit margins may be lowered by this competitive climate, especially for businesses that depend on low-cost solutions. Furthermore, because many fire-stopping materials function similarly, businesses may find it difficult to differentiate their offerings. Customers' sensitivity to price, particularly in cost-conscious markets, can make this problem worse and possibly cause margins to erode.

Covid-19 Impact:

The COVID-19 pandemic had a major effect on the market for fire-stopping materials, mostly because it caused supply chain disruptions, lockdowns, and labor shortages that delayed infrastructure projects and disrupted construction activities. In the short term, the need for fire-stopping materials in new construction and retrofit projects declined as the construction industry experienced slowdowns. Moreover, global supply chains for essential raw materials used in fire safety products were also negatively impacted, which resulted in delays and higher production costs. But as nations started to recover and building projects picked back up, the market recovered owing to a renewed emphasis on fire safety, especially when it came to updating older structures to comply with new fire safety regulations.

The Sealants segment is expected to be the largest during the forecast period

The Sealants segment is expected to account for the largest market share during the forecast period. Sealants are frequently used in construction to close off joints, openings, and penetrations in fire-rated ceilings, floors, and walls. They provide exceptional flexibility, simplicity of use, and the capacity to create a strong, heat-resistant barrier that expands in the presence of high temperatures, thereby effectively stopping the spread of smoke and fire. Additionally, their dominant position in the market is fueled by their preferred option for both new construction and retrofitting projects due to their long-lasting protection and ease of maintenance.

The Fire-Resistant Spray Foam segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the Fire-Resistant Spray Foam segment is predicted to witness the highest growth rate because of their exceptional capacity to expand and fill gaps in joints and penetrations, fire-resistant spray foams are becoming more and more popular. These foams are especially popular for use in places with intricate or irregular shapes, like around electrical cables, pipes, and ducts, and they provide a quick and simple application process. Furthermore, the market for fire-resistant spray foam is expanding quickly as construction projects prioritize efficiency and cutting-edge fire protection, especially in commercial and industrial sectors where strict fire safety regulations are common.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share due to stringent fire safety laws, especially in the US and Canada, which require the use of fire-stopping materials in both new construction and retrofit projects, the region is dominant. An additional factor driving the need for fire-stopping solutions is the existence of firmly established infrastructure and construction sectors as well as high levels of fire safety awareness. Moreover, the need for cutting-edge, high-performance fire protection materials is also being driven by the region's adoption of green building standards and increased emphasis on sustainability.

Region with highest CAGR:

Over the forecast period, the Asia-Pacific region is anticipated to exhibit the highest CAGR. Strong demand for fire safety solutions is being created by the construction and infrastructure sectors' notable growth due to the fast urbanization and industrialization of nations like China, India, and Southeast Asia. In both new construction and retrofit projects, there is a growing need for efficient fire-stopping materials as these areas implement stricter building codes and fire safety regulations. Additionally, the demand for fire-stopping solutions is also being driven by the increasing number of commercial and industrial developments as well as the growing awareness of fire hazards, making Asia-Pacific the market's fastest-growing region.

Key players in the market

Some of the key players in Fire Stopping Materials market include Specified Technologies Inc. (STI), Etex Group, 3M Company, Saint-Gobain Group, Morgan Advanced Materials, Hilti Corporation, Sika AG, Knauf Insulation, Rockwool International AS, RPM International Inc, BASF SE, Tenmat Ltd., Fischerwerke GmbH &

Co. KG, RectorSeal Corporation and Encon Insulation Ltd.

Key Developments:

In December 2024, SIKA AG has signed a license agreement to utilize Photocat's patented Bitumen technology for its SikaShield Pure-Air product line. This technology enhances bitumen waterproofing membranes with air-cleaning properties, addressing one of the world's most pressing challenges: air pollution, which causes over 3 million deaths annually, according to the WHO.

In July 2024, BASF and ENGIE signed a 7-year Biomethane Purchase Agreement (BPA). Under the BPA, ENGIE will supply BASF with 2.7 to 3.0 terawatt hours of biomethane throughout the term of the agreement. BASF uses certified biomethane at its Ludwigshafen/Germany and Antwerp/Belgium sites as a sustainable alternative to fossil raw materials in its manufacturing process.

In April 2024, Saint-Gobain announces that it has entered into a definitive agreement for the acquisition of the Bailey Group Companies (“Bailey”) – consisting of Bailey-Hunt Limited and its subsidiaries – a privately owned manufacturer of metal building solutions for light construction in Canada, for C$880 million in cash.

Types Covered:

- Mortars
- Sealants
- Cast-in devices
- Boards
- Putty and Putty Pads
- Collars
- Wraps/Strips
- Other Types

Applications Covered:

- Electrical
- Mechanical
- Plumbing
- Fire-Resistant Spray Foam
- Intumescent Spray
- Other Applications

End Users Covered:

- Commercial
- Industrial
- Residential
- Other End Users

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany

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UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:
- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2022, 2023, 2024, 2026, and 2030
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

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Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

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Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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