

Fire Stopping Materials Market Size, Share & Trends Analysis Report By Materials (Sealants, Coatings, Mortars, Putty, Boards), By Application, By End-use, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Fire Stopping Materials Market Growth & Trends

The global fire stopping materials market size is anticipated to reach USD 2.35 billion by 2030 and is projected to grow at a CAGR of 8.1% from 2025 to 2030, according to a new report by Grand View Research, Inc. The market growth can be attributed to the flourishing construction industry in emerging economies across the world. Moreover, the rising awareness regarding fire stopping materials among the end-users and the increasing building safety regulations worldwide are further driving the market growth.

A key factor driving the global market is the rising awareness of accidental electrical and mechanical hazards and the critical importance of preventive measures. High-profile fire incidents in commercial and residential buildings have highlighted the devastating consequences of inadequate fire safety, prompting governments, businesses, and individuals to prioritize fire protection measures. As a result, fire-stopping materials are increasingly being integrated into construction projects to minimize risks and ensure the safety of occupants and assets. In addition, organizations are becoming more proactive in managing liability risks, recognizing that proper fire-stopping systems can significantly mitigate financial and reputational damage caused by fire incidents.

Moreover, the rapid growth of high-rise buildings, airports, hospitals, and other complex

infrastructure globally has fueled demand for advanced fire-stopping materials. These structures require sophisticated protection systems due to their size, design complexity, and high occupancy levels. Fire-stopping materials are crucial in compartmentalizing fire and smoke, especially in tall buildings where evacuation times are longer, and safety is paramount. The construction of large-scale infrastructure in emerging economies, such as smart cities and industrial hubs, is further driving the market as developers comply with fire safety standards to meet international benchmarks.

Innovation in fire-stopping materials is another critical factor contributing to market growth. Manufacturers are developing advanced products that combine fire resistance with ease of application, durability, and environmental sustainability. For example, intumescent materials that expand to seal gaps during a fire and eco-friendly fire-resistant sealants have gained significant traction. In addition, advancements in testing and certification processes have made it easier for manufacturers to meet stringent fire safety regulations, thereby boosting the adoption of these products. Digital tools, such as Building Information Modeling (BIM), are also enabling architects and engineers to integrate fire-stopping solutions more effectively into their designs.

Fire Stopping Materials Market Report Highlights

Based on material type, the sealant segment led the market with the largest revenue share of 31.3% in 2024. The growth of this segment can be attributed to the surging adoption of sealants to inhibit the passage of flames and hot gases through openings created by pipes, cables, and ducts in residential and non-residential buildings.

Based on application type, the electrical segment led the market with the largest revenue share of 47.2% in 2024. Electrical equipment and wiring can be sources of ignition owing to short circuits, overloads, or equipment malfunctions that can result in fire hazards. Hence, these materials are largely used in electrical applications to reduce the risk of fire, thereby ensuring the safety of buildings and their occupants.

Based on end use, the commercial segment led the market with the largest revenue share of 51.1% in 2024. The growing emphasis on safety, along with the presence of increasingly

stringent governmental regulations t%li%ensure the safety of occupants in commercial buildings, is contributing t%li%the adoption of these materials in these buildings.

North America dominated the market with the largest revenue share of 31.2% in 2024. The surge in the number of building refurbishment and redevelopment activities in developed countries such as the U.S. and Canada and the rise in new construction activities in emerging countries such as Mexic%li%are contributing t%li%the demand for these products in the region.

The global market is moderately fragmented. Key manufacturers in this market adopt various strategies, such as mergers & acquisitions, collaborations/partnerships, R&D, and product innovations t%li%increase their consumer reach, expand t%li%new geographies, and enhance their position in the market.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Scope & Assumption
- 1.3. Information Procurement
 - 1.3.1. Purchased Database
 - 1.3.2. GVR's Internal Database
 - 1.3.3. Secondary Sources & Third-Party Perspectives
 - 1.3.4. Primary Research
- 1.4. Information Analysis
 - 1.4.1. Data Analysis Models
- 1.5. Market Formulation & Data Visualization
- 1.6. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook, 2024 (USD Million)
- 2.2. Segmental Outlook
- 2.3. Competitive Insights

CHAPTER 3. FIRE STOPPING MATERIALS MARKET VARIABLES, TRENDS & SCOPE

- 3.1. Market Lineage Outlook
- 3.2. Industry Value Chain Analysis
- 3.3. Technological Overview
- 3.4. Regulatory Framework
- 3.5. Market Dynamics
 - 3.5.1. Market Driver Analysis
 - 3.5.2. Market Restraint Analysis
 - 3.5.3. Industry Opportunities
 - 3.5.4. Industry Challenges
- 3.6. Business Environmental Tools Analysis
 - 3.6.1. Porter's Five Forces Analysis
 - 3.6.1.1. Bargaining Power of Suppliers
 - 3.6.1.2. Bargaining Power of Buyers
 - 3.6.1.3. Threat of Substitution

- 3.6.1.4. Threat of New Entrants
- 3.6.1.5. Competitive Rivalry
- 3.6.2. PESTLE Analysis, by SWOT
 - 3.6.2.1. Political Landscape
 - 3.6.2.2. Economic Landscape
 - 3.6.2.3. Social Landscape
 - 3.6.2.4. Technology Landscape
 - 3.6.2.5. Environmental Landscape
 - 3.6.2.6. Legal Landscape
- 3.7. Market Disruption Analysis

CHAPTER 4. FIRE STOPPING MATERIALS MARKET: MATERIAL ESTIMATES & TREND ANALYSIS

- 4.1. Key Takeaways
- 4.2. Material Movement Analysis & Market Share, 2024 & 2030
- 4.3. Global Fire Stopping Materials Market, By Material, 2018 - 2030 (USD Million)
 - 4.3.1. Sealants
 - 4.3.1.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 4.3.2. Coatings
 - 4.3.2.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 4.3.3. Mortars
 - 4.3.3.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 4.3.4. Putty
 - 4.3.4.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 4.3.5. Boards
 - 4.3.5.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 4.3.6. Others
 - 4.3.6.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 5. FIRE STOPPING MATERIALS MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

- 5.1. Key Takeaways
- 5.2. Application Movement Analysis & Market Share, 2024 & 2030
- 5.3. Global Fire Stopping Materials Market, By Application, 2018 - (USD Million) 2030
 - 5.3.1. Electrical
 - 5.3.1.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 5.3.2. Mechanical

- 5.3.2.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 5.3.3. Plumbing
 - 5.3.3.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 5.3.4. Others
 - 5.3.4.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 6. FIRE STOPPING MATERIALS MARKET: END USE ESTIMATES & TREND ANALYSIS

- 6.1. Key Takeaways
- 6.2. End Use Movement Analysis & Market Share, 2024 & 2030
- 6.3. Global Fire Stopping Materials Market, By End Use, 2018 - 2030 (USD Million)
 - 6.3.1. Residential
 - 6.3.1.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 6.3.2. Commercial
 - 6.3.2.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 6.3.3. Industrial
 - 6.3.3.1. Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 7. FIRE STOPPING MATERIALS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

- 7.1. Key Takeaways
- 7.2. Regional Market Share Analysis, 2024 & 2030
- 7.3. North America
 - 7.3.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)
 - 7.3.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)
 - 7.3.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)
 - 7.3.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)
 - 7.3.5. U.S.
 - 7.3.5.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)
 - 7.3.5.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)
 - 7.3.5.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)
 - 7.3.5.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)
 - 7.3.6. Canada
 - 7.3.6.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)
 - 7.3.6.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)
 - 7.3.6.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)
 - 7.3.6.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

7.3.7. Mexico

7.3.7.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)

7.3.7.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)

7.3.7.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)

7.3.7.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

7.4. Europe

7.4.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)

7.4.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)

7.4.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)

7.4.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

7.4.5. Germany

7.4.5.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)

7.4.5.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)

7.4.5.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)

7.4.5.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

7.4.6. UK

7.4.6.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)

7.4.6.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)

7.4.6.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)

7.4.6.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

7.4.7. France

7.4.7.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)

7.4.7.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)

7.4.7.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)

7.4.7.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

7.5. Asia Pacific

7.5.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)

7.5.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)

7.5.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)

7.5.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

7.5.5. China

7.5.5.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)

7.5.5.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)

7.5.5.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)

7.5.5.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

7.5.6. India

7.5.6.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)

7.5.6.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)

7.5.6.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)

7.5.6.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

7.5.7. Japan

7.5.7.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)

7.5.7.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)

7.5.7.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)

7.5.7.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

7.6. Central & South America

7.6.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)

7.6.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)

7.6.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)

7.6.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

7.7. Middle East & Africa

7.7.1. Market Estimates And Forecasts, 2018 - 2030 (USD Million)

7.7.2. Market Estimates & Forecasts, By Material, 2018 - 2030 (USD Million)

7.7.3. Market Estimates & Forecasts, By Application, 2018 - 2030 (USD Million)

7.7.4. Market Estimates & Forecasts, By End Use, 2018 - 2030 (USD Million)

CHAPTER 8. COMPETITIVE LANDSCAPE

8.1. Key Players, their Recent Developments, and their Impact on Industry

8.2. Competition Categorization

8.3. Company Market Position Analysis

8.4. Company Heat Map Analysis

8.5. Strategy Mapping, 2024

8.6. Company Listing

8.6.1. Hilti Corporation

8.6.1.1. Company Overview

8.6.1.2. Financial Performance

8.6.1.3. Product Benchmarking

8.6.1.4. Strategic Initiatives

8.6.2. 3M

8.6.2.1. Company Overview

8.6.2.2. Financial Performance

8.6.2.3. Product Benchmarking

8.6.2.4. Strategic Initiatives

8.6.3. BASF SE

8.6.3.1. Company Overview

8.6.3.2. Financial Performance

8.6.3.3. Product Benchmarking

- 8.6.3.4. Strategic Initiatives
- 8.6.4. RectorSeal
 - 8.6.4.1. Company Overview
 - 8.6.4.2. Financial Performance
 - 8.6.4.3. Product Benchmarking
 - 8.6.4.4. Strategic Initiatives
- 8.6.5. Sika AG
 - 8.6.5.1. Company Overview
 - 8.6.5.2. Financial Performance
 - 8.6.5.3. Product Benchmarking
 - 8.6.5.4. Strategic Initiatives
- 8.6.6. Specified Technologies, Inc.
 - 8.6.6.1. Company Overview
 - 8.6.6.2. Financial Performance
 - 8.6.6.3. Product Benchmarking
 - 8.6.6.4. Strategic Initiatives
- 8.6.7. Etex Group
 - 8.6.7.1. Company Overview
 - 8.6.7.2. Financial Performance
 - 8.6.7.3. Product Benchmarking
 - 8.6.7.4. Strategic Initiatives
- 8.6.8. Morgan Advanced Materials
 - 8.6.8.1. Company Overview
 - 8.6.8.2. Financial Performance
 - 8.6.8.3. Product Benchmarking
 - 8.6.8.4. Strategic Initiatives
- 8.6.9. Knauf Insulation
 - 8.6.9.1. Company Overview
 - 8.6.9.2. Financial Performance
 - 8.6.9.3. Product Benchmarking
 - 8.6.9.4. Strategic Initiatives
- 8.6.10. RPM International Inc.
 - 8.6.10.1. Company Overview
 - 8.6.10.2. Financial Performance
 - 8.6.10.3. Product Benchmarking
 - 8.6.10.4. Strategic Initiatives

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