

Fire Protection Materials - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 105 pages | Mordor Intelligence

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Report description:

The Fire Protection Materials Market is expected to register a CAGR of greater than 7% during the forecast period.

Due to the production suspension and large construction project postponement all over the world, COVID-19 had a severe effect on the fire protection material market. Nevertheless, the industry's demand for fire protective coatings is anticipated to increase with the expanding building market following the pandemic.

Key Highlights

- Increased industrialization and the use of cementitious and intumescent coatings are expected to enhance the market growth.
- On the flip side, the technical challenges of passive fire protection products are expected to hinder the studied market's growth.
- During the projected period, it is anticipated that the growing use of electrical products, whether in buildings or electric vehicles, will provide an opportunity for market growth.
- Asia-Pacific region dominated the market for fire protection products. However, North America is anticipated to register the greatest CAGR during the forecast period.

Fire Protection Materials Market Trends

Commercial Application to dominate the market

- Many business structures can benefit from fire protection materials for safety reasons. Commercial buildings use fire protection

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elements to preserve "compartmentation," ensuring that a fire in one area won't spread to another. Passive fire prevention materials can be applied to floors, ceilings, roofs, and walls to offer the best safety level.

- According to the European Public Real Estate Association, Germany, the United Kingdom, and France includes the largest commercial real estate markets, worth approximately USD 4.8 trillion as of December 2022. Germany had an enormous share value of commercial real estate in Europe in 2022, with a total value of approximately USD 1.8 trillion, followed by the United Kingdom and France.
- The Asia-Pacific region witnessed significant investments in the commercial sector for a long time. According to the National Bureau of Statistics of China, real estate developers in China invested CNY 597.4 billion (~USD 93 billion) in office buildings across the whole year of 2021, a drop of around CNY 52 billion (~USD 8 billion) compared to the previous year. Moreover, the Indian Brand Equity Foundation (IBEF) also stated in its report that a total of USD 704 million had been invested in the real estate sector in India in the second quarter of 2022.
- Several significant businesses also boosted their investments in the commercial construction sector. For instance, the 2025 World Expo will be held in Osaka. Recovery from natural calamities and redevelopment are the main forces behind the construction. A 37-story, 230m-tall office skyscraper and a 61-story, 390m-tall office tower are two high-rise towers for Tokyo Stations expected to be finished in 2021 and 2027, respectively.
- Also starting in the fourth quarter of 2021 and scheduled to be finished in the fourth quarter of 2025 is the Toblerone Mixed-Use Towers project in London, United Kingdom. The USD 662 million projects is anticipated to transform the 1993-built Department of Health offices, Keyworth Street Hostel for the Homeless, Perry Library at London South Bank University, and Skipton House.
- In the Middle East, several government initiatives to bolster commercial sector development, such as Saudi Arabia Vision 2030 and Abu Dhabi Economic Vision 2030, are likely to substantially contribute to driving fire protection material consumption.
- Several other commercial real estate construction projects are underway all across the globe, which would, in turn, increase the demand for fire protection materials in the market for safety purposes.

North America to Witness the Fastest Growth

- North America is considered the most dominating fire protection materials market region, owing to its foothold in the construction industry. The United States boasts a colossal construction sector with over 7.6 million employees. The United States construction sector significantly contributes to the country's economy by playing a prominent role in commercial, industrial, institutional, residential, and infrastructure construction.
- According to the US Census Bureau, the United States spent USD 1,809.8 billion on construction-related costs in December 2022. The construction sector increased by about 7.7% between December 2022 and December 2021, when the total amount spent was USD 1,681.0 billion. The market for fire protection materials would subsequently be benefited from this.
- As of December 2022, the total construction value put in place according to the seasonally adjusted rate in the commercial sector was about USD 129 billion, 20% more than the previous year's value for the same period.
- According to the Bureau of Economic Analysis, the value added at the seasonally adjusted annual rates by the overall real estate industry in the first three quarters of 2022 was close to USD 6 trillion. The third quarter of 2022 contributed around USD 2.9 trillion to the overall value created by the real estate sector.
- According to the American Institute of Architects, overall non-residential building construction in the United States is expected to grow to 3.1% in 2022. The construction of hotels is expected to rise by 8.8% in 2022, and office spaces by 0.1%.
- Even in Canada, the overall value of building permits grew by 11.9% to USD 12.5 billion in August 2022, according to Statistics Canada. Residential construction intentions increased by 12.0%, while non-residential construction intentions increased by 11.8%. It is, hence raising the nation's need for fire protection materials.
- All the abovementioned factors will likely drive market growth in the North American region.

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Fire Protection Materials Industry Overview

The fire protection materials market is partially consolidated at the top. Some players (not in any particular order) include 3M, BASF SE, AkzoNobel N.V., PPG Industries, Inc, and Hempel A/S.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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