

U.S. Passive Fire Protection Market Size, Share & Trends Analysis Report By Product (Cementitious Materials, Intumescent Coatings, Fireproofing Cladding), By Application (Oil & Gas, Construction, Industrial Plants), And Segment Forecasts, 2024 - 2030

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Abstracts

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U.S. Passive Fire Protection Market Growth & Trends

The U.S. passive fire protection market size is anticipated to reach USD 1,052.5 million by 2030, and is projected to grow at a CAGR of 5.1% from 2024 to 2030, according to a new report by Grand View Research, Inc. The emphasis on sustainability and energy efficiency in building design has led to the adoption of green building standards such as LEED (Leadership in Energy and Environmental Design), and the United States Green Building Council (USGBC) devised rating system. These standards are necessary to get green building certificates and therefore, builders are investing in passive fire protection solutions to ensure building resilience and safety measures.

The U.S. has robust regulations and standards governing building fire protection measures, including fire-resistant materials, compartmentalization, and structural fire protection requirements. Compliance with these regulations drives the demand for passive fire protection solutions, such as fire-resistant coatings, fire-rated doors, and fire-stopping systems, as building owners and developers strive to ensure the safety and integrity of their structures. Such stringent regulatory requirements and building codes related to fire safety and prevention are driving the passive fire protection market growth

in the U.S.

Moreover, the increasing awareness of the importance of fire safety and risk mitigation drives the adoption of passive fire protection measures in the U.S. With high-profile incidents highlighting the devastating consequences of fires in buildings, there is a growing recognition of the need to invest in proactive fire protection strategies. Building owners, facility managers, and insurance companies increasingly prioritize fire safety measures to protect occupants, assets, and investments. This heightened awareness of fire risks and their potential impacts fuels the demand for passive fire protection solutions as part of comprehensive fire safety plans and risk management strategies.

U.S. Passive Fire Protection Market Report Highlights

Based on product, the cementitious materials segment holds the highest market share, at 41.3%, as it is used in new construction projects as well as redevelopment projects.

Based on application, the construction segment is anticipated to grow at a significant CAGR during the forecast period. The growing emphasis on risk management and liability mitigation within the construction industry fuels the adoption of passive fire protection measures.

In June 2022, Hilti Corporation developed smoke and acoustic wall assemblies, which are more productive and cost-efficient than traditional assemblies. This allows for the installation of the top of the wall seal simultaneously with track attachment, reducing rework.

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