

Global Passive Fire Protection Coatings Market Size Study & Forecast, by Product (Cementitious Materials, Intumescent Coatings, Fireproofing Cladding, and Others), End-use Industry (Oil & Gas, Infrastructure & Construction, Industrial, Transportation, and Others), and Regional Forecasts 2025–2035

<https://marketpublishers.com/r/G6C817CE3F27EN.html>

Date: July 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: G6C817CE3F27EN

Abstracts

The Global Passive Fire Protection Coatings Market is valued at approximately USD 4.62 billion in 2024 and is poised to grow at a compound annual growth rate (CAGR) of more than 4.70% during the forecast period 2025–2035. These coatings, which include cementitious sprays and intumescent materials, play a critical role in enhancing fire resistance in structural components without requiring active suppression mechanisms. By expanding their footprint across construction, transportation, oil & gas, and industrial sectors, these coatings are fast becoming indispensable for safeguarding infrastructure and ensuring compliance with stringent safety codes. The rising emphasis on life safety, coupled with increasing awareness of fire-related hazards, is catalyzing the global demand for robust and reliable fire protection systems.

An escalating number of fire incidents worldwide has compelled regulatory bodies and construction authorities to incorporate fire-resistance norms in both commercial and industrial structures. Consequently, companies are ramping up investments in innovative intumescent and cementitious coating technologies that can deliver performance under extreme conditions. Simultaneously, infrastructure modernization projects in developing economies are emphasizing fire-resistant materials, integrating passive fire protection coatings within broader safety frameworks. Moreover, the push toward sustainable buildings has also influenced coating formulations, making them less toxic and more environment-friendly—thus, enhancing market adaptability.

From a regional perspective, North America continues to dominate the global market, supported by a mature construction industry and rigorous enforcement of building codes by agencies like the NFPA and ASTM. Europe follows closely, where fire protection standards under EN 13501 and regional fire safety initiatives are fueling product innovation and market consolidation. Meanwhile, Asia Pacific is emerging as a high-growth frontier, largely due to the rapid pace of urbanization, industrial development, and the expanding footprint of commercial real estate in countries such as China, India, and Southeast Asian economies. The region's construction boom—fueled by government spending on transportation, energy, and public infrastructure—is significantly increasing the uptake of passive fire protection coatings across various end-use sectors.

Major market player included in this report are:

BASF SE

Akzo Nobel N.V.

Sherwin-Williams Company

Hempel A/S

Jotun Group

PPG Industries Inc.

3M Company

Sika AG

Contego International Inc.

Carboline Company

Nullifire (RPM International Inc.)

Teknos Group

Isolatek International

Kansai Paint Co., Ltd.

Albi Protective Coatings (StanChem, Inc.)

Global Passive Fire Protection Coatings Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

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

By Product:

Cementitious Materials

Intumescent Coatings

Fireproofing Cladding

Others

By End-use Industry:

Oil & Gas

Infrastructure & Construction

Industrial

Transportation

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

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

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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