

Global High Performance Coating Market Outlook to 2027

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Abstracts

The high-performance coating is restricted to corrosion, abrasion, and a high temperature, it refers to coats that are applied to enhance the physical properties of different surfaces due to an adequate environment friend technology used in its production, this coating comes in a variety of combinations. According to BlueQuark Research and Consulting, the High-Performance Coating market is expected to witness a significant growth rate during the forecasted period. Factors like the building and construction industry are predicted to witness the highest demand due to exceptional corrosion protection, abrasion resistance, and high resistance for high-performance coating during the forecasted period. Further high-performance coating finds widespread application under the hood and car bottoms to protect the vehicle from corrosion or overheating, increasing the demand from the automotive sector. Furthermore, they are used in machine finishing architecture & the market of this segment. However, The VOC emissions rules & guidelines also restrict the demand for solvent-borne high-performance coating. Paints & coating manufacture are majorly focused on low VOC & no VOC coating produce to reach their sustainability goals are awaited to hamper the market's growth.

High-performance anti-corrosion coating is used to protect concrete & metal structures, tanks, pipes & processing equipment from deterioration. These coatings are also used in chemical plants, public utility, marine environments.

High-performance coating in the forecast period is expected to be primarily driven by the building & construction on residential & commercial. Epoxy coating is used in flooring applications in the shops, showrooms, hospitals & warehouses, and industrial structures offer superior shine & elegant finish in the form of terrazzo floors, clipboards, & colorful walls. High-performance coating provides the following qualities, such as

exceptional corrosion protection, abrasion resistance to impact, excellent chemical & thermal resistance, extreme durability & strength, & it also contributes to the aesthetics. The significant areas of expected growth in the buildings & construction segment are social infrastructure, hospitals, schools, government accommodation, defense infrastructure, & water resources. The reduction of VOC emissions in coatings resins and low polluting coating technologies are driving the demand for environmentally friendly coating such as water-based, powder coatings, high solid, & UV – curable coatings environment-friendly products, such as water-based, during the curing phase, leading towards achieving a greener environment with minimum or zero VOC emissions.

Some market key players are Akzonobel N.V, Daikin, PPG Industries, Kansai Nerolac Paints Limited, Metal Coating Corp., Toefco Engineered Coating System, Inc., Endura Coating, among others.

Asia Pacific region is anticipated to result in huge demand for coating & will dominate the market growth of high-performance coating. The development of primary industries or construction activities in countries like India, China, Singapore, & Malaysia across the Asia Pacific region. The acrylic segment held a significant share in the high-performance coating market, especially the automotive industry, owing to string environmental regulations & the high corrosion resistance of these coatings. The coating based on the acrylic resin is also used in wood, marine, transportation, & general industrial application. The aerospace industry is multiplying, & Airbus & Boeing are contributing to the sector's growth due to its increases in the commercial fleet, high-performance support market production. The polyester coating has excellent mechanical & chemical stability, high resistance to removal & shrinkage & high filling capacity, used as a base coat & also recommended for modern furniture coating. The aviation sector is growing in the Asia Pacific region, with more orders & market development. Technological progress in the manufacturing industry due to more eminent automation for material movement & excellent transportation are among crucial factors stimulating the demand for the market product.

In March 2020, PPG completed the acquisition of Alpha Coating Technologies, a light industrial powder coating manufacturer.

In May 2021, W?rwag, a global coatings manufacturer, was acquired by PPG.

Global High-Performance Coating Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively

analyses the High-Performance Coating market by segmenting based on Type (Epoxy Silicon, Polyester, Acrylic, Alkyd, Polyurethane, Fluoropolymer, Other), Coating Technology (Solvent-based, Water-based, Powder-based), End-use Industry (Building & Construction, Automotive & Transportation, Industrial, Aerospace & Defence, Marine, Others). The report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers and includes emerging market trends, development, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

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