

Floor Coatings - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

Floor Coatings Market Analysis

The Floor Coatings Market size is estimated at USD 10.98 billion in 2025, and is expected to reach USD 13.71 billion by 2030, at a CAGR of 4.5% during the forecast period (2025-2030). Continued demand for high-performance flooring in cold-storage warehouses, e-commerce fulfillment centers, EV battery plants, and multifamily housing renovations is reinforcing the strategic value of coatings as infrastructure assets rather than cosmetic finishes. Asia Pacific leads with 38% revenue share in 2024, propelled by industrial expansion in China and India, while resin chemistries are shifting toward specialty epoxy, antimicrobial, and conductive systems that deliver safety, hygiene, and static control benefits. At 50% share, epoxy remains the benchmark technology, but polyaspartic and UV-cured products are capturing attention for rapid installation and low VOC output. Raw-material cost swings and installer shortages create headwinds, yet agile supply chains and simplified application chemistries are cushioning the impact. As regulatory agencies tighten VOC thresholds, manufacturers with mature water-borne or powder technologies gain an edge, reshaping competitive positioning across regions.

Global Floor Coatings Market Trends and Insights

Cold-storage warehousing requiring antimicrobial floor coatings

Surging global construction of refrigerated warehouses is multiplying demand for coatings that combine thermal-shock tolerance with proven biocidal performance. Newer chemistries embed silver-ion or quaternary additives that remain active for the full

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service life of the system, reducing pathogen counts and helping operators maintain Hazard Analysis Critical Control Point compliance. Installers value fast return-to-service options, while asset owners prioritize five-year bacterial control warranties such as those offered by Deflecta's waterborne formulations. The resulting performance expectations elevate coatings from optional upgrades to mandated building components under tightened food-safety codes. In parallel, low-temperature application urethane-cement products enable overnight refurbishments of existing coolers, preventing inventory spoilage and protecting revenue streams.

E-commerce fulfillment centers boosting epoxy demand

Online retail growth is driving continuous additions of logistics square footage that must resist forklift abrasion, battery acid drips, and robotic traffic. Abrasion-resistant epoxy with high compressive strength and rapid overnight cure allows operators to phase projects without halting picking operations, minimizing revenue loss. Reflective topcoats further cut lighting costs, while anti-slip additives protect worker safety. Specifiers increasingly insist on data-backed life-cycle assessments to validate durability claims, pushing formulators toward transparent performance documentation. Epoxy suppliers responding with "one-weekend" systems gain preferential bidding status and steady recurring demand fuelled by growing omnichannel logistics footprints.

Raw-material price volatility

Escalating tariffs on steel, copper and natural gas have lifted key resin and additive costs, squeezing margins for formulators and installers alike. Dynamic surcharge clauses have become standard in project bids, transferring a portion of risk to asset owners. Parallel efforts to diversify raw-material sourcing and integrate vertically are underway, though complete insulation from commodity swings remains elusive. Reformulations that lower petrochemical content through bio-based diluents are gaining traction but must still satisfy rigorous durability tests before widespread acceptance.

Other drivers and restraints analyzed in the detailed report include:

EV battery plants stimulating conductive flooring / Government incentives for VOC-free water-borne systems / Skilled-installer shortage /

For complete list of drivers and restraints, kindly check the Table Of Contents.

Segment Analysis

Epoxy commanded 50% of the floor coatings market in 2024, and the segment is forecast to advance at a 4.68% CAGR through 2030, driven by demand for chemical resistance and high compressive strength in industrial zones. Polyurethane trails as the flexibility champion, while polyaspartic technology, prized for 24-hour return-to-service, is carving share in retail refurbishments where downtime penalties are steep. Decorative metallic epoxies continue to differentiate showroom floors, yet functional innovations such as self-leveling chemical-resistant grades illustrate how performance thresholds keep rising. Hybrid blends that marry epoxy adhesion with polyaspartic speed are emerging, expanding addressable applications without sacrificing durability. Installers appreciate the broader working temperature window these systems provide, especially in sites lacking HVAC during construction. Distributors stocking pre-tinted kits meet just-in-time delivery preferences, reinforcing epoxy's logistical appeal to contractors managing scattered job sites. Environment-focused specifiers increasingly request Red List-free formulations, pushing formulators to re-evaluate curing agents while maintaining cure profiles. With every incremental innovation, the floor coatings market demonstrates that epoxy's fundamentals still align with evolving performance metrics, ensuring the resin family remains the backbone of heavy-duty flooring specifications.

Polyaspartic adoption, meanwhile, outsized its niche reputation in 2024 renovation cycles, commanding premium pricing between

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USD 5 and 12 per square foot. Rapid overnight curing protects rental revenue by limiting unit vacancy, helping property managers justify higher upfront costs. UV stability and high-gloss clarity strengthen its appeal for high-end condominiums and retail storefronts. Formulators are also solving historic odor concerns with low-odor catalysts, smoothing acceptance in occupied spaces. These innovations underpin the floor coatings market trajectory toward faster and greener application methods without compromising long-term performance expectations.

UV-cured systems captured 35% share in 2024, delivering on rapid line speeds and energy-efficient curing demanded by lean construction schedules. Exposure to ultraviolet lamps triggers instant crosslinking, enabling facilities to resume full operation within hours rather than days. The process slashes labor costs because fewer workers can cover larger square footage per shift, a benefit that resonates in tight labor markets. As reduced VOC output aligns with stricter environmental codes, UV-cured suppliers gain specification priority in health-care and food-processing refurbishments. New photoinitiator packages broaden substrate compatibility, allowing coherent application across concrete, steel and hardwood in mixed-use facilities. Despite higher equipment costs, amortization is swift for high-volume contractors, ensuring sustained uptake in regions chasing aggressive construction timetables.

Water-borne chemistries, influenced by Nordic incentives, are narrowing historical performance gaps in abrasion resistance and gloss retention. Formulators leveraging advanced polyurethane dispersions now promise wear-layers that rival solvent-borne counterparts, further expanding the sustainable options available to architects. Powder primers such as PPG PRIMERON Optimal demonstrate how electrostatic spray technology reduces overspray and cuts waste by up to 20%, reinforcing the floor coatings market commitment to circular economy principles. Collectively, technology choices show a decisive pivot toward curing speed and environmental compatibility, traits increasingly written into procurement scorecards across institutional portfolios.

The Floor Coatings Market Report Segments the Industry by Product Type (Epoxy, Polyurethane, and More), Technology (Solvent-Borne, Water-Borne, and More), Floor Material (Concrete, Wood, and Others), End-Use Industry (Industrial/Institutional, Commercial, and Residential), and Geography (Asia-Pacific, North America, Europe, South America, and Middle East and Africa). The Market Forecasts are Provided in Terms of Value (USD).

Geography Analysis

Asia Pacific dominated the floor coatings market with 38% revenue share in 2024, and regional demand is projected to rise at a 4.71% CAGR to 2030. Government-sponsored industrial parks, EV battery megafactories and logistics hubs drive large-volume concrete coating installations, while domestic consumer upgrades fuel decorative demand in urban condominiums. China's emissions targets spur adoption of water-borne and powder chemistries, giving local formulators specializing in low-VOC systems a competitive edge. India's Production-Linked Incentive schemes for electronics assembly accelerate conductive flooring uptake, positioning the country as a significant growth node. Southeast Asian markets, buoyed by reshoring trends, expand warehousing footprints, compounding regional consumption. Collectively, these factors reinforce Asia Pacific's role as the principal growth engine of the floor coatings market through 2030.

North America remains significant region, characterized by stringent safety regulations and high renovation expenditure. Data-center investments require antistatic floors rated below 25,000 ohms, while healthcare refurbishments specify antimicrobial urethane cement to meet infection-control protocols. The commercial construction outlook for 2025 flags steady spending on advanced manufacturing and cold-storage projects, both heavy users of epoxy and urethane blends. Meanwhile, sustainability programs such as LEED v5 incentivize water-borne and biobased adoption, with municipal bids mandating explicit VOC values. Installer shortages, however, slow completion schedules, prompting greater demand for single-day cure technologies that compress labor hours.

Europe commands a mature yet innovation-driven share, with Nordic nations leveraging public procurement standards to

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accelerate VOC-free product uptake. The EU Directive 2024/825, effective March 2024, bans vague eco-labels, compelling suppliers to validate sustainability statements with lifecycle data. This regulatory pressure advantages manufacturers capable of third-party product declarations, raising entry barriers for late adopters. Powder primer and UV-LED lines gain momentum as plant managers prioritize energy savings and worker safety. Additionally, circular-economy incentives encourage take-back schemes and reclaimable packaging, embedding sustainability deeply in purchasing criteria. As a result, Europe functions as both a premium market and a regulatory bellwether influencing global formulation trends within the floor coatings market.

List of Companies Covered in this Report:

Akzo Nobel N.V. / Ardex Group / Arkema (Bostik) / Asian Paints / Axalta Coating Systems / BASF SE (Master Builders Solutions) / Hempel A/S / Henkel AG & Co. KGaA / Jotun / Kansai Nerolac Paints Limited / LATICRETE International Inc. / MAPEI S.p.A / Nippon Paint Holdings Co., Ltd. / PPG Industries Inc. / RPM International Inc. / Sika AG / Sto SE & Co. KGaA / Teknos Group / Tennant Company / The Sherwin-Williams Company / Tikkurila /

Additional Benefits:

 The market estimate (ME) sheet in Excel format /
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Table of Contents:

1 Introduction

1.1 Study Assumptions and Market Definition

1.2 Scope of the Study

2 Research Methodology

3 Executive Summary

4 Market Landscape

4.1 Market Overview

4.2 Market Drivers

4.2.1 Rapid Expansion of Cold-Storage Warehousing Requiring Antimicrobial Floor Coatings

4.2.2 Surge in E-commerce Fulfillment Centers Boosting Abrasion-Resistant Epoxy Demand

4.2.3 Renovation Boom in Multifamily Housing Driving Decorative Polyaspartic Floors

4.2.4 Antistatic Requirements in EV Battery Plants Stimulating Conductive Flooring

4.2.5 Government Incentives for VOC-Free Water-borne Systems in Nordics

4.3 Market Restraints

4.3.1 Raw-Material Price Volatility

4.3.2 Skilled-Installer Shortage in Emerging Economies

4.3.3 Benefits of Concrete Polishing over Floor Coatings

4.4 Value Chain Analysis

4.5 Porter's Five Forces Analysis

4.5.1 Bargaining Power of Suppliers

4.5.2 Bargaining Power of Buyers

4.5.3 Threat of New Entrants

4.5.4 Threat of Substitutes

4.5.5 Degree of Competition

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5 Market Size and Growth Forecasts (Value)

5.1 By Product Type

5.1.1 Epoxy

5.1.2 Polyurethane

5.1.3 Polyaspartic

5.1.4 Acrylic

5.1.5 Others

5.2 By Technology

5.2.1 Solvent-borne

5.2.2 Water-borne

5.2.3 Powder

5.2.4 UV cured

5.3 By Floor Material

5.3.1 Concrete

5.3.2 Wood

5.3.3 Others

5.4 By End-use Industry

5.4.1 Industrial/Institutional

5.4.2 Commercial

5.4.3 Residential

5.5 By Geography

5.5.1 Asia-Pacific

5.5.1.1 China

5.5.1.2 India

5.5.1.3 Japan

5.5.1.4 South Korea

5.5.1.5 Malaysia

5.5.1.6 Thailand

5.5.1.7 Indonesia

5.5.1.8 Vietnam

5.5.1.9 Rest of Asia-Pacific

5.5.2 North America

5.5.2.1 United States

5.5.2.2 Canada

5.5.2.3 Mexico

5.5.3 Europe

5.5.3.1 Germany

5.5.3.2 United Kingdom

5.5.3.3 France

5.5.3.4 Italy

5.5.3.5 Spain

5.5.3.6 Nordic Countries

5.5.3.7 Turkey

5.5.3.8 Russia

5.5.3.9 Rest of Europe

5.5.4 South America

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- 5.5.4.1 Brazil
- 5.5.4.2 Argentina
- 5.5.4.3 Colombia
- 5.5.4.4 Rest of South America
- 5.5.5 Middle East and Africa
 - 5.5.5.1 Saudi Arabia
 - 5.5.5.2 United Arab Emirates
 - 5.5.5.3 Nigeria
 - 5.5.5.4 Egypt
 - 5.5.5.5 South Africa
 - 5.5.5.6 Rest of Middle East and Africa

6 Competitive Landscape

6.1 Market Concentration

6.2 Strategic Moves

6.3 Market Share Analysis

6.4 Company Profiles (includes Global Overview, Market-level Overview, Core Segments, Financials, Strategic Info, Market Rank/Share, Products and Services, Recent Developments)

6.4.1 Akzo Nobel N.V.

6.4.2 Ardex Group

6.4.3 Arkema (Bostik)

6.4.4 Asian Paints

6.4.5 Axalta Coating Systems

6.4.6 BASF SE (Master Builders Solutions)

6.4.7 Hempel A/S

6.4.8 Henkel AG & Co. KGaA

6.4.9 Jotun

6.4.10 Kansai Nerolac Paints Limited

6.4.11 LATICRETE International Inc.

6.4.12 MAPEI S.p.A

6.4.13 Nippon Paint Holdings Co., Ltd.

6.4.14 PPG Industries Inc.

6.4.15 RPM International Inc.

6.4.16 Sika AG

6.4.17 Sto SE & Co. KGaA

6.4.18 Teknos Group

6.4.19 Tennant Company

6.4.20 The Sherwin-Williams Company

6.4.21 Tikkurila

7 Market Opportunities and Future Outlook

7.1 White-space and Unmet-Need Assessment

7.2 Increasing Popularity of Eco-friendly Bio-based Floor Coatings

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