

Global Water-based Resins Market Size Study & Forecast, by Type (Acrylic, Epoxy, Polyester, Polyurethane, Alkyd) and Application, and Regional Forecasts 2025-2035

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Abstracts

The Global Water-based Resins Market is valued at approximately USD 44.44 billion in 2024 and is anticipated to expand at a healthy CAGR of 6.90% during the forecast period from 2025 to 2035. Water-based resins, renowned for their low volatile organic compound (VOC) emissions, have gained substantial traction across several industries striving for sustainability without compromising on performance. These resins serve as critical components in paints & coatings, adhesives, sealants, and inks—owing to their exceptional durability, adhesion, and chemical resistance. As industrial norms shift toward environmentally responsible production, manufacturers are rapidly integrating water-based resin technologies into their product lines to meet stringent regulatory requirements and rising consumer awareness regarding eco-friendly alternatives.

Accelerated infrastructure development, coupled with a surge in automotive production and refurbishing, is propelling the demand for high-performance coatings—ultimately fueling the adoption of water-based resins. According to global industry estimates, the paints and coatings segment alone accounts for a lion's share of resin consumption, driven by rapid urbanization and the rising need for energy-efficient building materials. Innovations in resin formulations, such as self-crosslinking acrylics and bio-based epoxy esters, are also broadening the application horizon. Simultaneously, governments across Europe, North America, and Asia are tightening emission regulations, thereby intensifying the switch from solvent-based to waterborne technologies across the industrial value chain.

From a regional perspective, North America leads the market with a robust presence of

established end-user industries and proactive environmental policies encouraging low-VOC solutions. The United States remains a powerhouse with advanced manufacturing capabilities and consistent investments in sustainable R&D. Meanwhile, Europe follows closely, supported by a well-developed automotive and construction ecosystem along with some of the most stringent emission laws globally. However, it is the Asia Pacific region that is projected to grow at the fastest pace throughout the forecast period. China and India, in particular, are witnessing an upsurge in construction, infrastructure modernization, and a burgeoning middle class fueling demand for durable consumer goods. These dynamics are unlocking substantial opportunities for resin suppliers and coating manufacturers alike.

Major market player included in this report are:

BASF SE

Allnex

Dow Chemical Company

Arkema S.A.

Mitsui Chemicals Inc.

Hexion Inc.

DSM Coating Resins

Huntsman Corporation

Evonik Industries AG

Covestro AG

DIC Corporation

Momentive Performance Materials Inc.

Omnova Solutions Inc.

HEMPEL A/S

Sika AG

Global Water-based Resins 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 Type:

Acrylic Resin

Epoxy Ester Resin

Saturated Polyester Resin

Epoxy Resin

Polyurethane Resin

Alkyd

By Application:

Paints & Coatings

Adhesives & Sealants

Inks

Leather

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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