

Global Engineered Wood Adhesives Market Size study & Forecast, by Resin Type, Application, Wood Type, End-Use Industry, Product Form and Regional Forecasts 2025–2035

<https://marketpublishers.com/r/EF90113488E7EN.html>

Date: July 2025

Pages: 285

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

ID: EF90113488E7EN

Abstracts

The Global Engineered Wood Adhesives Market is valued at approximately USD 3.93 billion in 2024 and is projected to expand at a steady CAGR of 4.10% during the forecast period of 2025–2035. As global construction and furniture manufacturing sectors continue to scale new heights, the demand for high-performance, cost-effective, and sustainable wood bonding solutions is gaining considerable traction. Engineered wood adhesives—designed to improve structural integrity, durability, and flexibility of bonded wood components—are fast becoming the linchpin of next-generation timber innovation. These adhesives are not just chemical formulations; they are enablers of modern design, supporting everything from skyscrapers built with laminated veneer lumber (LVL) to intricately finished cabinetry.

Surging demand for renewable, eco-labeled, and carbon-efficient building materials has created a fertile ground for polyurethane (PUR), polyvinyl acetate (PVAc), and formaldehyde-based adhesives. These resins help achieve stronger bonds under diverse environmental conditions and across complex applications—structural gluing, veneering, or edge banding. Simultaneously, shifting regulatory landscapes around VOC emissions and formaldehyde content have fueled R&D investments in greener formulations, particularly for indoor furniture and flooring products. Manufacturers are pivoting toward hybrid systems, water-borne solutions, and hot melt adhesives to meet these regulatory and performance benchmarks.

Regionally, North America leads the market with its mature housing infrastructure and strong presence of advanced manufacturing. U.S.-based innovation centers and the

adoption of mass timber construction methods—such as cross-laminated timber (CLT)—further solidify the region’s dominance. Meanwhile, Europe remains a close contender, benefiting from stringent sustainability mandates and advanced wood panel production in Germany and Scandinavia. The Asia Pacific region is poised for the fastest growth, thanks to rapid urban development, booming real estate investments in countries like China and India, and the increasing shift toward prefab and modular construction techniques. Latin America and the Middle East & Africa are emerging as new frontiers, supported by growing interest in low-cost housing and infrastructure projects.

Major market player included in this report are:

BASF SE

H.B. Fuller Company

Henkel AG & Co. KGaA

Sika AG

3M Company

Arkema Group

Dow Inc.

Ashland Global Holdings Inc.

Huntsman Corporation

Akzo Nobel N.V.

Wacker Chemie AG

Franklin International

Avery Dennison Corporation

Bostik SA

Ashland Inc.

Global Engineered Wood Adhesives 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 Resin Type:

Polyurethane (PUR)

Polyvinyl Acetate (PVAc)

Phenol-Formaldehyde (PF)

Urea-Formaldehyde (UF)

Melamine-Formaldehyde (MF)

By Application:

Structural Gluing

Laminating

Edge Banding

Assembly

Veneering

By Wood Type:

Softwood

Hardwood

Plywood

Oriented Strand Board (OSB)

Medium Density Fiberboard (MDF)

By End-Use Industry:

Construction

Furniture Manufacturing

Packaging

Automotive

Marine

By Product Form:

Liquid

Solid

Hot Melt

Film

Powder

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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