

Global Timber Laminating Adhesives Market Size study, by Resin Type (Emulsion Polymer Isocyanate (EPI) Adhesives, Melamine (Urea) Formaldehyde Adhesives (MF & MUF), Phenol Resorcinol Formaldehyde (PRF) Adhesives, Polyurethane), by Application (Floor Beams, Roof Beams, Trusses & Supporting Columns, Window & Door Headers), by End-use Industry (Non-residential, Residential) and Regional Forecasts 2022-2032

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Abstracts

Global Timber Laminating Adhesives Market is valued at approximately USD 977.54 million in 2023 and is anticipated to grow with a healthy growth rate of more than 9.71% over the forecast period 2024-2032. Timber laminating adhesives are crucial for bonding layers of timber to form composite materials widely used in structural applications and decorative finishes. The market scope includes various adhesives like polyurethane, epoxy, and aliphatic resins, catering to diverse requirements for strength, durability, and environmental resistance. Timber laminating adhesives find applications in construction, furniture manufacturing, flooring, and joinery. The construction industry uses these adhesives in engineered wood products such as glued laminated timber and cross-laminated timber, which offer enhanced strength and stability compared to traditional solid timber. The furniture sector utilizes these adhesives to create durable and aesthetic products. Flooring solutions employ timber laminating adhesives for their ability to withstand constant wear and tear, maintaining laminate floors' integrity. The market is expanding due to increasing renovation and remodeling activities in the residential sector and growing construction activities and infrastructural developments. Green building standards and the superior performance of laminated timber products in

strength and durability play a significant role in market growth. Technological advancements in adhesive formulations, enhancing environmental profiles and bonding efficiency, further bolster market growth. However, volatility in raw material prices and health and environmental concerns associated with these adhesives pose challenges. Competition from metal and plastic alternatives in specific applications adds to market complexities. Nonetheless, the rising demand for eco-friendly and green furniture, expanding benefits of bio-based and sustainable timber laminating adhesives, and innovations focusing on reducing environmental impact and improving recyclability and biodegradability present substantial opportunities for the market.

The market is segmented by resin type, application, and end-use industry. Emulsion Polymer Isocyanate (EPI) adhesives are known for their waterproof properties, making them suitable for indoor and outdoor applications. Melamine (Urea) Formaldehyde Adhesives (MF & MUF) are favored for their heat and chemical resistance, ideal for high-demand applications like kitchen countertops and commercial furniture. Phenol Resorcinol Formaldehyde (PRF) adhesives excel in durability and resistance to moisture, temperature, and chemicals, serving marine, aircraft, and structural construction applications. Polyurethane adhesives offer versatility, flexibility, impact resistance, and bond strength for various interior and exterior applications.

The key regions considered for the global Timber Laminating Adhesives Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is a dominating region in the Timber Laminating Adhesives Market in terms of revenue driven by the United States and Canada, shows robust demand for advanced adhesive technologies with a focus on sustainability. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period owing to the strong growth with significant investments in R&D for advanced adhesive solutions, as well as pushing for bio-based and eco-friendly adhesives.

Major market players included in this report are:

3M Company

Henkel AG & Co. KGaA

Hexion Inc.

Arkema S.A.

Akzo Nobel N.V.

Sika AG

The Dow Chemical Company

Franklin International

Pidilite Industries Ltd.

Jowat SE

Mapei S.p.A.

DAP Products, Inc.

Stauf USA, LLC

Apollo Chemicals Ltd.

Astral Adhesives

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

By Resin Type:

- Emulsion Polymer Isocyanate (EPI) Adhesives
- Melamine (Urea) Formaldehyde Adhesives (MF & MUF)
- Phenol Resorcinol Formaldehyde (PRF) Adhesives
- Polyurethane

By Application:

- Floor Beams
- Roof Beams
- Trusses & Supporting Columns
- Window & Door Headers

By End-use Industry:

- Non-residential
- Residential

By Region:

North America

- U.S.
- Canada

Europe

- UK
- Germany
- France
- Spain
- Italy
- ROE

Asia Pacific

- China
- India
- Japan
- Australia
- South Korea
- RoAPAC

Latin America

- Brazil
- Mexico

Middle East & Africa

- Saudi Arabia
- South Africa
- RoMEA

Years considered for the study are as follows: Historical year – 2022 Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- 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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