

# Construction Adhesives Market to Hit USD 21.1 Bn by 2035, Expanding at 5.2% CAGR from 2025 | TMR

*Global construction adhesives market valued at US\$ 12.1 Bn in 2024, set to grow at 5.2% CAGR to reach US\$ 21.1 Bn by 2035*

WILMINGTON, DE, UNITED STATES, September 16, 2025 / EINPresswire.com/ -- The [construction adhesives market](#) has evolved from being a supporting material to an essential element in modern construction. Adhesives are now integral to bonding, structural stability, energy efficiency, and sustainable building practices. The global construction adhesives market was valued at US\$ 12.1 billion in 2024 and is estimated to grow at a CAGR of 5.2% from 2025 to 2035, reaching US\$ 21.1 billion by 2035. This growth trajectory reflects a broader industry shift from traditional fasteners toward advanced bonding solutions. With rising infrastructure investments, the expansion of residential projects, and the emergence of green building certifications, the industry is poised for steady and transformative growth.



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## Market Size and Growth

The construction adhesives market has entered a strong growth phase. The demand for adhesives stems from their superior properties such as high bond strength, flexibility, and resistance to extreme temperatures and moisture. Unlike nuts, bolts, and nails, adhesives distribute stress uniformly across surfaces, reduce material weight, and shorten construction times. These advantages are particularly important in today's fast-paced, cost-sensitive building environment. Analysts expect that by 2035, adhesives will account for a larger share of construction fastening systems, propelled by polymer innovations and stricter building

standards. The CAGR of 5.2% reflects not only rising demand but also the ability of manufacturers to meet evolving needs in residential, commercial, and industrial projects.

## Market Segmentation

The construction adhesives industry can be segmented by product type, technology, and end-use applications. Among product categories, polyurethane-based adhesives dominate the market thanks to their durability, chemical resistance, and compatibility with a wide range of substrates, including wood, concrete, and glass. Epoxy and acrylic adhesives are also gaining traction for specialized applications requiring extreme strength and flexibility. From a technology perspective, solvent-based adhesives are gradually giving way to low-VOC and water-based formulations, driven by regulatory compliance and sustainability initiatives. End-use segmentation reveals significant demand in flooring, tiling, roofing, panel bonding, and insulation applications, with residential and commercial construction projects contributing the largest shares. The rise of modular and prefabricated construction further enhances the need for adhesives that ensure quick curing and efficient assembly.

## Regional Analysis

Geographically, the Asia Pacific region leads the global market, accounting for over 40% of total revenue in 2024. This dominance is attributed to rapid urbanization, large-scale housing projects, and massive infrastructure development in China, India, and Southeast Asia. China's construction industry alone is projected to exceed US\$ 4.5 trillion by 2030, while India's "Housing for All" initiative is expected to deliver 20 million homes by 2030, both of which will significantly drive adhesive consumption. North America represents a mature yet dynamic market, supported by renovation activity and demand for low-VOC adhesives due to stringent environmental regulations. Europe's market is shaped by sustainability-led construction and retrofitting of aging building stock, aligned with green certifications such as LEED and BREEAM. Meanwhile, the Middle East is witnessing strong demand linked to megaprojects such as Saudi Arabia's NEOM smart city and the UAE's commercial expansion.

## Market Drivers and Challenges

### Key Drivers

One of the primary growth drivers is the increase in global infrastructure investments. Governments across major economies are channeling trillions into transport networks, smart cities, and renewable energy projects. For instance, the U.S. Infrastructure Investment and Jobs Act allocates US\$ 1.2 trillion for bridges, railways, and green initiatives, while India's US\$ 1.4 trillion National Infrastructure Pipeline boosts adhesive demand in flooring, insulation, and panel bonding applications. Residential construction is another strong driver. Rising urbanization, population growth, and affordability programs in China, India, and the U.S. have led to large-scale housing initiatives that rely heavily on adhesives for flooring, roofing, and modular

construction.

## Challenges

However, the industry faces challenges such as volatile raw material prices linked to petroleum-based derivatives, which affect production costs. Environmental regulations on VOC emissions also pose compliance challenges for manufacturers, requiring continuous innovation in bio-based and eco-friendly alternatives. Competition from mechanical fastening systems remains a constraint in some traditional markets, though adhesives are increasingly proving to be the more efficient and sustainable option.

## Market Trends

Several trends are shaping the future of the construction adhesives industry. Green building certifications are driving demand for bio-based and low-VOC adhesives, aligning construction practices with global sustainability goals. Fast-curing and high-performance adhesives are becoming essential for modular and prefabricated construction, where speed and efficiency are critical. Advancements in polymer chemistry have led to adhesives that combine superior strength with flexibility and resistance to extreme conditions. Additionally, the rise of renovation and retrofit projects, especially in mature markets like Europe and North America, has opened new opportunities for adhesives designed for flooring, insulation upgrades, and energy efficiency improvements. The adoption of digital tools in construction, including Building Information Modeling (BIM), is also indirectly supporting adhesives demand by promoting precision-driven assembly techniques.

## Competitive Landscape

The global construction adhesives market is moderately consolidated, with a mix of multinational giants and regional players. Henkel Adhesive Technologies leads the industry with a broad product portfolio under brands such as Loctite, Pattex, and Technomelt. Sika Group leverages its specialty chemical expertise to provide comprehensive bonding solutions for façades, roofing, and waterproofing. Dow Inc., Huntsman Corporation, Pidilite Industries, H.B. Fuller Company, Arkema Group, Avery Dennison, RPM International Inc., 3M, and Astral Adhesives are other major participants. These companies compete on innovation, sustainability, and product performance, with many focusing on developing bio-based adhesives and expanding into high-growth markets in Asia Pacific and the Middle East. Strategic partnerships, mergers, and acquisitions are common as firms aim to strengthen their geographic presence and technological capabilities.

## Future Outlook

Looking ahead to 2035, the construction adhesives industry is expected to remain on a steady growth path, supported by urbanization, sustainability requirements, and rising construction

activity worldwide. The increasing preference for lightweight, high-performance bonding systems over traditional fasteners will further expand adhesive applications across residential, commercial, and industrial sectors. Advances in nanotechnology, smart adhesives, and bio-based formulations are likely to redefine the competitive landscape, catering to both regulatory compliance and market demand for innovative solutions. Asia Pacific will continue to dominate, but growth opportunities in North America, Europe, and the Middle East will ensure a globally balanced market expansion.

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