

# **Modified Bitumen Market Size, Share & Trends Analysis Report By Product (Polymer-modified Bitumen (PMB), Crumb Rubber-modified Bitumen (CRMB)), By End-use (Road Construction, Waterproofing & Roofing), By Region, And Segment Forecasts, 2025 - 2030**

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## **Abstracts**

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### **Modified Bitumen Market Growth & Trends**

The global modified bitumen market size is anticipated to reach USD 62.56 billion by 2030, growing at a CAGR of 6.6% from 2025 to 2030, according to a new report by Grand View Research, Inc. The growth of the global modified bitumen industry is primarily driven by the increasing demand for durable and weather-resistant roofing and waterproofing solutions in the construction industry. With rapid urbanization and infrastructure development, there is a rising need for high-performance materials that can withstand extreme weather conditions, including heavy rainfall, high temperatures, and UV exposure. Modified bitumen, known for its enhanced flexibility, durability, and resistance to environmental stress, has become a preferred choice for commercial and residential roofing applications. Additionally, the growing emphasis on energy-efficient and sustainable building solutions has led to the adoption of modified bitumen roofing systems that offer superior insulation and contribute to reducing overall energy consumption.

Another significant market growth driver is the expanding road construction and maintenance sector. Governments and private investors are increasingly investing in

the development of highways, bridges, and transportation infrastructure support economic growth. Modified bitumen is widely used in road paving applications due to its enhanced adhesion properties, improved resistance to cracks and deformations, and ability to extend pavement lifespan. The demand for modified bitumen in road construction is further fueled by its cost-effectiveness and ability to enhance the structural integrity of asphalt pavements, making it a crucial component in modern road-building projects.

Advancements in bitumen modification technologies are also contributing to the expansion of the market. The introduction of polymer-modified bitumen (PMB) has significantly improved the performance characteristics of traditional bitumen, offering enhanced elasticity, resistance to temperature fluctuations, and increased durability. Research and development efforts by key market players have led to the introduction of innovative formulations that cater to specific industry needs, such as self-healing bitumen, improved waterproofing coatings, and high-performance roofing membranes. These technological advancements are further accelerating the adoption of modified bitumen in various construction and industrial applications.

Stringent government regulations and sustainability initiatives are shaping the modified bitumen industry. Regulatory bodies across regions are enforcing guidelines that encourage the use of environmentally friendly and low-emission construction materials. This has led to increased investments in eco-friendly bitumen modification processes, including the incorporation of recycled materials and bio-based modifiers. Additionally, government-backed infrastructure projects and incentives promoting the use of durable and sustainable materials in construction are creating new growth opportunities for modified bitumen manufacturers, further driving market expansion.

### Modified Bitumen Market Report Highlights

Based on product, the polymer-modified bitumen (PMB) segment led the market and accounted for the largest revenue share of 67.4% in 2024. The global push towards sustainability and the reduction of environmental impacts in construction and infrastructure projects is contributing to the growth of the PMB segment.

Based on end use, the road construction segment dominated the market and accounted for the largest revenue share of 91.6% in 2024. As countries around the world continue to invest in the improvement and expansion

of road networks, modified bitumen is becoming a preferred material due to its superior durability, resistance to extreme weather conditions, and enhanced load-bearing capacity.

Europe dominated the market and accounted for the largest revenue share of 35.3% in 2024, driven by the region's expanding construction and infrastructure sectors, which are characterized by a focus on durability, energy efficiency, and environmental sustainability.

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