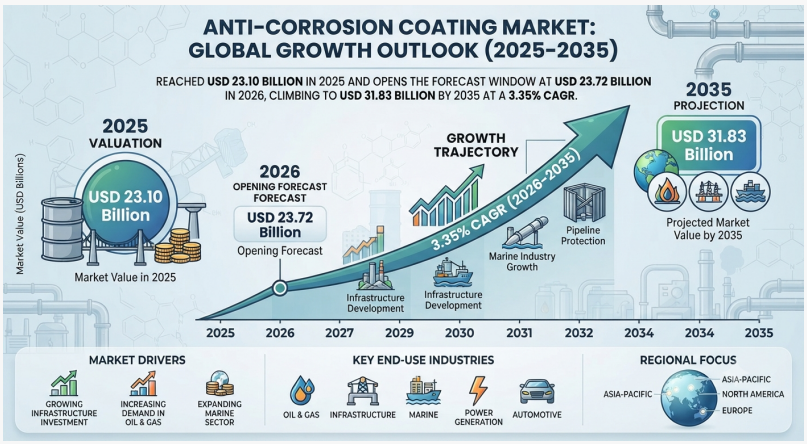
Anti-Corrosion Coating Market to Deliver USD 31.83 Billion in New Value by 2035 at 3.35% CAGR

NEW YORK, CA, UNITED STATES, September 22, 2026 / EINPresswire.com/ -- The global anti-corrosion coating market is projected to expand steadily over the coming decade as industries seek to protect critical infrastructure, industrial equipment, pipelines, vessels, and structural assets from corrosion and environmental degradation. According to the latest Market Research Future analysis, the market was valued at USD 23.10 billion in 2025 and is projected to reach USD 31.83 billion by 2035, registering a CAGR of 3.35% from 2026 to 2035. The market is expected to reach approximately USD 23.72 billion in 2026.



Anti Corrosion Coating Market Size

Anti-corrosion coatings play a critical role in extending the service life of metal structures exposed to moisture, chemicals, saltwater, atmospheric conditions, and other corrosive environments. Their applications span oil and gas, marine, infrastructure, power generation, industrial manufacturing, automotive, and other sectors.

Infrastructure Investment Supports Market Expansion
Increasing investment in infrastructure is one of the major factors supporting demand for corrosion-protection technologies. Bridges, water-treatment facilities, rail infrastructure, pipelines, storage tanks, and other steel structures require protective coatings to minimize deterioration and extend maintenance intervals.

The Market Research Future report identifies public infrastructure capital programs as a significant market driver. Infrastructure rehabilitation projects are creating opportunities for coating suppliers, particularly for high-performance systems designed for long service lives and demanding environmental conditions.

Infrastructure development in emerging economies is also creating opportunities for suppliers

as governments and private companies expand transportation, energy, industrial, and water infrastructure.

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Oil and Gas Remains a Major End-User Industry
The oil and gas industry represents a substantial source of demand for anti-corrosion coatings because pipelines, storage tanks, refineries, offshore platforms, and processing equipment are frequently exposed to aggressive operating environments.

According to Market Research Future, the oil and gas segment generated USD 7.99 billion in 2025, making it the largest individual end-user demand pool.

Pipeline integrity programs and maintenance spending are particularly important because aging infrastructure requires periodic inspection, repair, and recoating. Protective coatings can help mitigate external corrosion and maintain the structural integrity of critical assets.

Infrastructure Applications Record Faster Growth
While oil and gas remains a major demand center, infrastructure applications are expanding rapidly. The report projects the infrastructure end-user segment to grow at a 4.43% CAGR through 2035, the fastest rate among the end-user categories analyzed.

Growing investment in bridges, transportation systems, water infrastructure, and public facilities is increasing demand for durable coating systems. Long maintenance cycles and stringent performance specifications are also encouraging the adoption of high-performance protective coatings.

Epoxy Coatings Maintain a Strong Market Position
By resin type, epoxy coatings accounted for 41.2% of the market in 2025. Their strong adhesion, chemical resistance, durability, and suitability for demanding industrial environments have made epoxy systems widely used for pipelines, tanks, structural steel, and other assets.

Polyurethane coatings are also gaining attention, particularly where weather resistance, flexibility, and color retention are important. The polyurethane segment is projected to expand at a 4.09% CAGR through 2035.

The combination of epoxy primers and polyurethane topcoats remains an important approach for applications requiring both corrosion protection and long-term surface performance.

Shift Toward Lower-VOC Coating Technologies
Environmental regulations are influencing the formulation of anti-corrosion coatings. Governments and regulatory agencies in major markets are tightening restrictions on volatile organic compound emissions, encouraging manufacturers to develop coatings with lower

environmental impact.

Although solvent-borne technology retained 61.5% of market revenue in 2025, water-borne systems are expanding at a 3.99% CAGR.
Water-borne, high-solids, powder, and UV-cured coatings are receiving increasing attention because they can help reduce VOC emissions while maintaining required protective performance.

However, technical requirements remain important. Coatings used in immersion, marine, chemical, and heavy-industrial environments must meet demanding durability and adhesion standards, making the transition from traditional solvent-borne systems dependent on continued formulation improvements.

Marine Industry Creates New Opportunities
The marine industry is another important market for corrosion-resistant coatings. Ships, offshore platforms, ports, and marine infrastructure are continuously exposed to seawater and harsh atmospheric conditions.

The International Maritime Organization's Carbon Intensity Indicator requirements are also influencing hull-coating decisions. According to Market Research Future, coating upgrades that help maintain hull efficiency can contribute to fuel-efficiency objectives, creating additional demand for advanced marine coating systems.

Offshore wind development represents another emerging opportunity. Wind-turbine foundations, monopiles, jackets, and other marine structures require protective coating systems capable of withstanding severe exposure conditions over long operating lifetimes.

Asia-Pacific Leads the Global Market
Asia-Pacific accounted for 49.9% of global anti-corrosion coating revenue in 2025, making it the largest regional market. Strong demand from China and other Asian economies is supported by shipbuilding, pipelines, petrochemical facilities, industrial construction, and infrastructure development.

Europe represented approximately USD 5.31 billion in 2025, with demand supported by offshore wind development, rail infrastructure, and the transition toward lower-VOC coating formulations. North America generated approximately USD 4.85 billion, with bridge rehabilitation, LNG infrastructure, and pipeline integrity among the important areas of demand.

The Middle East and Africa region is projected to grow at 3.68% annually through 2035, supported by refinery expansion, desalination infrastructure, ports, and other industrial projects.

Digital Technologies Transform Corrosion Management

Digitalization is creating new opportunities beyond conventional coating products. Sensors, drone-based inspections, ultrasonic thickness measurements, and predictive analytics can help asset owners identify corrosion and determine when maintenance is required.

This is encouraging a transition from fixed calendar-based maintenance toward condition-based asset management. Instead of automatically recoating an asset at a predetermined interval, operators can use inspection data to identify areas requiring targeted intervention.

For coating manufacturers, this creates opportunities to combine materials with inspection, monitoring, and maintenance services. Market Research Future identifies condition-monitored coating service contracts as an emerging opportunity within the industry.

Offshore Wind and Energy Transition Expand Applications
The global transition toward new energy infrastructure is changing the types of assets requiring corrosion protection. Offshore wind foundations, hydrogen infrastructure, carbon-capture pipelines, and other emerging energy systems have specialized corrosion challenges.

Offshore wind foundations are particularly demanding because they are exposed to seawater, splash zones, mechanical stresses, and difficult maintenance conditions. Long-life coating systems can therefore play an important role in reducing future maintenance requirements.

The diversification of energy infrastructure is expected to create new technical requirements and encourage coating manufacturers to develop application-specific formulations.

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Market Challenges
Despite favorable demand trends, the industry faces several challenges. Epoxy resin price volatility can affect manufacturing costs, while anti-dumping duties and changing international trade conditions can influence raw-material economics.

A shortage of skilled coating applicators and inspectors is another constraint. Surface preparation and correct application are critical to coating performance, making trained personnel essential for demanding infrastructure projects.

The industry also faces competition from corrosion-resistant materials such as stainless steel and glass-reinforced composites in selected applications. These alternatives can reduce the addressable market for coated carbon-steel structures where lifecycle economics favor material substitution.

Sustainability Becomes a Competitive Factor
Sustainability considerations are increasingly influencing purchasing decisions. Asset owners and

infrastructure developers are paying greater attention to VOC emissions, embodied carbon, product life cycles, and environmental product declarations.

This trend is encouraging coating manufacturers to invest in water-borne formulations, powder technologies, high-solids systems, alternative raw materials, and more energy-efficient manufacturing processes.

Companies that can combine long-term corrosion protection with lower environmental impact may find increasing opportunities as sustainability requirements become part of procurement specifications.

Competitive Landscape
The global anti-corrosion coating market includes major coating manufacturers with broad portfolios serving industrial, infrastructure, marine, energy, and automotive customers.

Key companies identified by Market Research Future include AkzoNobel N.V., PPG Industries, Hempel A/S, Jotun A/S, Nippon Paint Holdings, and Kansai Paint.

Competition is increasingly based on coating performance, regulatory compliance, formulation technology, application expertise, technical support, and the ability to provide solutions for specific asset-management requirements.

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Outlook to 2035
The global anti-corrosion coating market is projected to increase from USD 23.10 billion in 2025 to USD 31.83 billion by 2035, reflecting continued demand for corrosion protection across infrastructure, oil and gas, marine, power generation, industrial, and automotive applications.

Over the next decade, the industry is expected to be shaped by stricter VOC regulations, infrastructure investment, marine efficiency requirements, offshore wind development, digital corrosion monitoring, and the adoption of lower-emission coating technologies.

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