

Global MRO Protective Coatings Market Size Study & Forecast, by Resin Type, Application Method, Substrate Type, End-Use Industry, Film Thickness, and Regional Forecasts 2025-2035

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Abstracts

The Global MRO (Maintenance, Repair, and Overhaul) Protective Coatings Market is valued at approximately USD 16.81 billion in 2024 and is expected to grow at a steady compound annual growth rate (CAGR) of over 4.25% throughout the forecast period 2025-2035. Protective coatings, used extensively across industrial assets for corrosion resistance, thermal insulation, and surface enhancement, are gaining heightened importance in MRO operations. As industries worldwide grapple with aging infrastructure, escalating costs of equipment replacement, and a growing demand for extending asset life cycles, protective coatings are becoming indispensable. These coatings—engineered with advanced resins such as epoxy, polyurethane, and fluoropolymers—act as performance enhancers, guarding substrates like metal, concrete, and plastic against extreme environments, wear, and chemical exposure. The market is flourishing amid rising maintenance budgets across energy, oil & gas, marine, and heavy industry sectors.

What's propelling the adoption of MRO protective coatings is the ongoing shift toward preventative maintenance strategies, which aim to reduce unplanned downtime and mitigate equipment failure. Industries such as power generation, chemical processing, and offshore drilling are increasingly deploying high-performance coatings to insulate against corrosion, temperature fluctuations, and harsh chemical exposure. For instance, epoxy-based coatings are gaining traction due to their remarkable adhesion and resistance to aggressive industrial chemicals, while polysiloxane coatings are preferred for their durability and UV resistance. Technological strides in application methods—such as electrostatic spraying and automated dipping—have also minimized labor intensity

and waste, making the coatings not only more efficient but also more sustainable.

Regionally, North America held a commanding presence in the global MRO protective coatings market in 2024, owing to its expansive oil & gas industry, aging industrial infrastructure, and early adoption of advanced coating technologies. The United States, in particular, continues to invest heavily in refinery upgrades and power plant refurbishments, contributing to rising coating consumption. Europe follows closely, driven by stringent environmental regulations and increasing focus on sustainable MRO practices. Meanwhile, the Asia Pacific region is projected to exhibit the fastest growth over the forecast period. Countries such as China, India, and Indonesia are witnessing unprecedented industrial expansion, infrastructure investment, and urbanization, all of which necessitate high-performance protective coatings to maintain operational integrity. Moreover, favorable government initiatives and the increasing presence of global coating manufacturers are accelerating growth in the region.

Major market players included in this report are:

BASF SE

PPG Industries, Inc.

Sherwin-Williams Company

Akzo Nobel N.V.

Jotun A/S

Hempel A/S

Axalta Coating Systems

Kansai Paint Co., Ltd.

RPM International Inc.

Asian Paints Ltd.

Berger Paints India Limited

Sika AG

Teknos Group

Carboline Company

Nippon Paint Holdings Co., Ltd.

Global MRO Protective Coatings 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:

Epoxy

Polyurethane

Acrylic

Fluoropolymer

Polysiloxane

By Application Method:

Brush

Roller

Spray

Dip

Electrostatic Spraying

By Substrate Type:

Metal

Concrete

Wood

Plastic

Glass

By End-Use Industry:

Oil & Gas

Power Generation

Chemical Processing

Mining

Marine

By Film Thickness:Thin Film (
Medium Film (250–500 microns)

Thick Film (> 500 microns)

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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