

Global Low Temperature Coating (Low Cure Coating) Market Size Study & Forecast, by Coating Type, Resin Type, and Regional Forecasts 2025–2035

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Abstracts

The Global Low Temperature Coating (Low Cure Coating) Market is valued at approximately USD 5.48 billion in 2024 and is projected to expand at a CAGR of 5.13% over the forecast period from 2025 to 2035. These coatings, engineered to cure at substantially lower temperatures than conventional options, are revolutionizing industrial finishing by providing a solution that reduces energy consumption, protects heat-sensitive substrates, and extends operational flexibility. Their growing relevance across various industries—ranging from automotive and architecture to aerospace and consumer electronics—has been largely fueled by the global push for energy-efficient manufacturing and the need to lower carbon footprints without compromising durability and performance.

One of the central forces shaping the trajectory of this market is the need for sustainable yet high-performance coating systems. As manufacturers strive to align with eco-regulatory standards and transition to greener processes, low cure coatings have emerged as a game-changer. They allow operations at curing temperatures as low as 110–150°C, thereby making it possible to coat heat-sensitive materials such as plastics, wood composites, and lightweight metals without degradation. Additionally, advancements in powder and liquid-based formulations—especially polyester and polyurethane resin systems—have unlocked new avenues for weather resistance, UV stability, and anti-corrosive protection, catering to both aesthetic and protective purposes.

Geographically, North America currently leads the global low temperature coating market, driven by stringent energy regulations, an established manufacturing base, and increasing investments in green building technologies. Europe follows closely, buoyed

by robust construction activity and sustainability initiatives such as the European Green Deal. Meanwhile, the Asia Pacific region is projected to grow at the fastest pace, propelled by the rise in industrial automation, infrastructure development, and a burgeoning automotive sector, particularly in China and India. Government incentives promoting clean energy solutions and technological upgrades across emerging economies are expected to further catalyze adoption in the years ahead.

Major market player included in this report are:

AkzoNobel N.V.

Axalta Coating Systems

The Sherwin-Williams Company

PPG Industries, Inc.

Jotun A/S

BASF SE

RPM International Inc.

Kansai Paint Co., Ltd.

Tikkurila Oyj

Hempel A/S

Berger Paints India Limited

Valspar Corporation

Nippon Paint Holdings Co., Ltd.

TIGER Drylac

TCI Powder Coatings

Global Low Temperature Coating (Low Cure Coating) 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 Coating Type:

Powder-Based

Liquid-Based

By Resin Type:

Polyester

Polyurethane

Epoxy

Acrylic

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.

Contents

CHAPTER 1. GLOBAL LOW TEMPERATURE COATING (LOW CURE COATING) MARKET REPORT SCOPE & METHODOLOGY

- 1.1. Research Objective
- 1.2. Research Methodology
 - 1.2.1. Forecast Model
 - 1.2.2. Desk Research
 - 1.2.3. Top Down and Bottom-Up Approach
- 1.3. Research Attributes
- 1.4. Scope of the Study
 - 1.4.1. Market Definition
 - 1.4.2. Market Segmentation
- 1.5. Research Assumption
 - 1.5.1. Inclusion & Exclusion
 - 1.5.2. Limitations
 - 1.5.3. Years Considered for the Study

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. CEO/CXO Standpoint
- 2.2. Strategic Insights
- 2.3. ESG Analysis
- 2.4. Key Findings

CHAPTER 3. GLOBAL LOW TEMPERATURE COATING (LOW CURE COATING) MARKET FORCES ANALYSIS (2024–2035)

- 3.1. Market Forces Shaping The Global Low Temperature Coating Market
- 3.2. Drivers
 - 3.2.1. Increasing demand for energy-efficient and eco-friendly coatings
 - 3.2.2. Expansion of industrial and architectural applications using heat-sensitive substrates
- 3.3. Restraints
 - 3.3.1. High formulation and development costs for advanced resin systems
 - 3.3.2. Limited performance in extreme industrial environments compared to high-temperature coatings
- 3.4. Opportunities

- 3.4.1. Growth in infrastructure and construction activities in emerging economies
- 3.4.2. Rising adoption of lightweight components in automotive and electronics sectors

CHAPTER 4. GLOBAL LOW TEMPERATURE COATING (LOW CURE COATING) INDUSTRY ANALYSIS

- 4.1. Porter's Five Forces Model
 - 4.1.1. Bargaining Power of Buyers
 - 4.1.2. Bargaining Power of Suppliers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's Five Forces Forecast Model (2024–2035)
- 4.3. PESTEL Analysis
 - 4.3.1. Political
 - 4.3.2. Economic
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top Investment Opportunities
- 4.5. Top Winning Strategies (2025)
- 4.6. Market Share Analysis (2024–2025)
- 4.7. Global Pricing Analysis and Trends (2025)
- 4.8. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL LOW TEMPERATURE COATING (LOW CURE COATING) MARKET SIZE & FORECASTS BY COATING TYPE 2025–2035

- 5.1. Market Overview
- 5.2. Global Low Temperature Coating Market Performance - Potential Analysis (2025)
- 5.3. Powder-Based
 - 5.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 5.3.2. Market Size Analysis, by Region, 2025–2035
- 5.4. Liquid-Based
 - 5.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
 - 5.4.2. Market Size Analysis, by Region, 2025–2035

CHAPTER 6. GLOBAL LOW TEMPERATURE COATING (LOW CURE COATING)

MARKET SIZE & FORECASTS BY RESIN TYPE 2025–2035

6.1. Market Overview

6.2. Global Low Temperature Coating Market Performance - Potential Analysis (2025)

6.3. Polyester

6.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

6.3.2. Market Size Analysis, by Region, 2025–2035

6.4. Polyurethane

6.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

6.4.2. Market Size Analysis, by Region, 2025–2035

6.5. Epoxy

6.5.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

6.5.2. Market Size Analysis, by Region, 2025–2035

6.6. Acrylic

6.6.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

6.6.2. Market Size Analysis, by Region, 2025–2035

CHAPTER 7. GLOBAL LOW TEMPERATURE COATING (LOW CURE COATING) MARKET SIZE & FORECASTS BY REGION 2025–2035

7.1. Low Temperature Coating Market, Regional Market Snapshot

7.2. Top Leading & Emerging Countries

7.3. North America

7.3.1. U.S.

7.3.1.1. Coating Type Breakdown Size & Forecasts, 2025–2035

7.3.1.2. Resin Type Breakdown Size & Forecasts, 2025–2035

7.3.2. Canada

7.3.2.1. Coating Type Breakdown Size & Forecasts, 2025–2035

7.3.2.2. Resin Type Breakdown Size & Forecasts, 2025–2035

7.4. Europe

7.4.1. UK

7.4.1.1. Coating Type Breakdown Size & Forecasts, 2025–2035

7.4.1.2. Resin Type Breakdown Size & Forecasts, 2025–2035

7.4.2. Germany

7.4.2.1. Coating Type Breakdown Size & Forecasts, 2025–2035

7.4.2.2. Resin Type Breakdown Size & Forecasts, 2025–2035

7.4.3. France

7.4.3.1. Coating Type Breakdown Size & Forecasts, 2025–2035

7.4.3.2. Resin Type Breakdown Size & Forecasts, 2025–2035

- 7.4.4. Spain
 - 7.4.4.1. Coating Type Breakdown Size & Forecasts, 2025–2035
 - 7.4.4.2. Resin Type Breakdown Size & Forecasts, 2025–2035
- 7.4.5. Italy
 - 7.4.5.1. Coating Type Breakdown Size & Forecasts, 2025–2035
 - 7.4.5.2. Resin Type Breakdown Size & Forecasts, 2025–2035
- 7.4.6. Rest of Europe
 - 7.4.6.1. Coating Type Breakdown Size & Forecasts, 2025–2035
 - 7.4.6.2. Resin Type Breakdown Size & Forecasts, 2025–2035
- 7.5. Asia Pacific
 - 7.5.1. China
 - 7.5.1.1. Coating Type Breakdown Size & Forecasts, 2025–2035
 - 7.5.1.2. Resin Type Breakdown Size & Forecasts, 2025–2035
 - 7.5.2. India
 - 7.5.2.1. Coating Type Breakdown Size & Forecasts, 2025–2035
 - 7.5.2.2. Resin Type Breakdown Size & Forecasts, 2025–2035
 - 7.5.3. Japan
 - 7.5.3.1. Coating Type Breakdown Size & Forecasts, 2025–2035
 - 7.5.3.2. Resin Type Breakdown Size & Forecasts, 2025–2035
 - 7.5.4. Australia
 - 7.5.4.1. Coating Type Breakdown Size & Forecasts, 2025–2035
 - 7.5.4.2. Resin Type Breakdown Size & Forecasts, 2025–2035
 - 7.5.5. South Korea
 - 7.5.5.1. Coating Type Breakdown Size & Forecasts, 2025–2035
 - 7.5.5.2. Resin Type Breakdown Size & Forecasts, 2025–2035
 - 7.5.6. Rest of Asia Pacific
 - 7.5.6.1. Coating Type Breakdown Size & Forecasts, 2025–2035
 - 7.5.6.2. Resin Type Breakdown Size & Forecasts, 2025–2035
- 7.6. Latin America
 - 7.6.1. Brazil
 - 7.6.1.1. Coating Type Breakdown Size & Forecasts, 2025–2035
 - 7.6.1.2. Resin Type Breakdown Size & Forecasts, 2025–2035
 - 7.6.2. Mexico
 - 7.6.2.1. Coating Type Breakdown Size & Forecasts, 2025–2035
 - 7.6.2.2. Resin Type Breakdown Size & Forecasts, 2025–2035
- 7.7. Middle East & Africa
 - 7.7.1. UAE
 - 7.7.1.1. Coating Type Breakdown Size & Forecasts, 2025–2035
 - 7.7.1.2. Resin Type Breakdown Size & Forecasts, 2025–2035

7.7.2. Saudi Arabia

7.7.2.1. Coating Type Breakdown Size & Forecasts, 2025–2035

7.7.2.2. Resin Type Breakdown Size & Forecasts, 2025–2035

7.7.3. South Africa

7.7.3.1. Coating Type Breakdown Size & Forecasts, 2025–2035

7.7.3.2. Resin Type Breakdown Size & Forecasts, 2025–2035

7.7.4. Rest of Middle East & Africa

7.7.4.1. Coating Type Breakdown Size & Forecasts, 2025–2035

7.7.4.2. Resin Type Breakdown Size & Forecasts, 2025–2035

CHAPTER 8. COMPETITIVE INTELLIGENCE

8.1. Top Market Strategies

8.2. AkzoNobel N.V.

Company Overview

Key Executives

Company Snapshot

Financial Performance (Subject to Data Availability)

Product/Services Port

Recent Development

Market Strategies

SWOT Analysis

8.3. Axalta Coating Systems

8.4. The Sherwin-Williams Company

8.5. PPG Industries, Inc.

8.6. Jotun A/S

8.7. BASF SE

8.8. RPM International Inc.

8.9. Kansai Paint Co., Ltd.

8.10. Tikkurila Oyj

8.11. Hempel A/S

8.12. Berger Paints India Limited

8.13. Valspar Corporation

8.14. Nippon Paint Holdings Co., Ltd.

8.15. TIGER Drylac

8.16. TCI Powder Coatings

List Of Tables

LIST OF TABLES

Table 1. Global Low Temperature Coating Market, Report Scope

Table 2. Global Low Temperature Coating Market Estimates & Forecasts By Region 2024–2035

Table 3. Global Low Temperature Coating Market Estimates & Forecasts By Coating Type 2024–2035

Table 4. Global Low Temperature Coating Market Estimates & Forecasts By Resin Type 2024–2035

Table 5. Country Level Market Estimates – U.S.

Table 6. Country Level Market Estimates – Canada

Table 7. Country Level Market Estimates – UK

Table 8. Country Level Market Estimates – Germany

Table 9. Country Level Market Estimates – France

Table 10. Country Level Market Estimates – China

...

List Of Figures

LIST OF FIGURES

- Figure 1. Research Methodology
- Figure 2. Market Estimation Techniques
- Figure 3. Market Size Estimation Model
- Figure 4. Global Low Temperature Coating Market – Key Trends
- Figure 5. Global Low Temperature Coating Market – Growth Prospects 2025–2035
- Figure 6. Porter’s Five Forces Analysis
- Figure 7. PESTEL Analysis
- Figure 8. Value Chain Overview
- Figure 9. Coating Type Share Comparison (2025 vs 2035)
- Figure 10. Resin Type Share Comparison (2025 vs 2035)
- Figure 11. Regional Market Share – North America
- Figure 12. Regional Market Share – Europe
- Figure 13. Regional Market Share – Asia Pacific
- Figure 14. Company Market Share Analysis (2025)
- ...

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