

# Global Smart Coatings Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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## Abstracts

Smart coatings are special films with predefined properties that make them sense and respond to environmental and other external stimuli. The coatings' self-healing and self-repair properties make them suitable for corrosion protection, material protection and other surface improvement applications.

Smart coatings combine functionality with design to offer the usual functions of coatings, such as protection and decoration, as well as unique functions based on environmental stimuli.

According to our (Global Info Research) latest study, the global Smart Coatings market size was valued at USD 2771.3 million in 2022 and is forecast to a readjusted size of USD 6487.3 million by 2029 with a CAGR of 12.9% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

The demand for smart coatings in the automotive & transportation, aerospace & defense, marine, and building & construction end-use industries is high, especially in China, India, and Brazil. New emerging technologies and innovations drive the demand for smart coatings in these industries. The APAC smart coatings market is expected to witness strong growth in the next five years.

This report is a detailed and comprehensive analysis for global Smart Coatings market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and

product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

#### Key Features:

Global Smart Coatings market size and forecasts, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (USD/MT), 2018-2029

Global Smart Coatings market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (USD/MT), 2018-2029

Global Smart Coatings market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (USD/MT), 2018-2029

Global Smart Coatings market shares of main players, shipments in revenue (\$ Million), sales quantity (K MT), and ASP (USD/MT), 2018-2023

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Smart Coatings

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Smart Coatings market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include 3M, PPG Industries, Akzonobel, Axalta Coating Systems and Hempel, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

#### Market Segmentation

Smart Coatings market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Anti-corrosion

Anti-icing

Anti-fouling

Anti-microbial

Self-cleaning

Self-healing

#### Market segment by Application

Automotive & Transportation

Marine

Aerospace & Defense

Building & Construction

#### Major players covered

3M

PPG Industries

Akzonobel

Axalta Coating Systems

Hempel

Jotun

Dow Corning

Sherwin-Williams

RPM International

NEI

Hygratek

Nanoshell Company

Ancatt

Tesla Nanocoatings

Royal Dsm

Greenkote

CG2 Nanocoatings

Helicity Technologies

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Smart Coatings product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Smart Coatings, with price, sales, revenue and global market share of Smart Coatings from 2018 to 2023.

Chapter 3, the Smart Coatings competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Smart Coatings breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Smart Coatings market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Smart Coatings.

Chapter 14 and 15, to describe Smart Coatings sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Smart Coatings
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Smart Coatings Consumption Value by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 Anti-corrosion
  - 1.3.3 Anti-icing
  - 1.3.4 Anti-fouling
  - 1.3.5 Anti-microbial
  - 1.3.6 Self-cleaning
  - 1.3.7 Self-healing
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Smart Coatings Consumption Value by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 Automotive & Transportation
  - 1.4.3 Marine
  - 1.4.4 Aerospace & Defense
  - 1.4.5 Building & Construction
- 1.5 Global Smart Coatings Market Size & Forecast
  - 1.5.1 Global Smart Coatings Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global Smart Coatings Sales Quantity (2018-2029)
  - 1.5.3 Global Smart Coatings Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

- 2.1 3M
  - 2.1.1 3M Details
  - 2.1.2 3M Major Business
  - 2.1.3 3M Smart Coatings Product and Services
  - 2.1.4 3M Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 3M Recent Developments/Updates
- 2.2 PPG Industries
  - 2.2.1 PPG Industries Details
  - 2.2.2 PPG Industries Major Business

- 2.2.3 PPG Industries Smart Coatings Product and Services
- 2.2.4 PPG Industries Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 PPG Industries Recent Developments/Updates
- 2.3 Akzonobel
  - 2.3.1 Akzonobel Details
  - 2.3.2 Akzonobel Major Business
  - 2.3.3 Akzonobel Smart Coatings Product and Services
  - 2.3.4 Akzonobel Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.3.5 Akzonobel Recent Developments/Updates
- 2.4 Axalta Coating Systems
  - 2.4.1 Axalta Coating Systems Details
  - 2.4.2 Axalta Coating Systems Major Business
  - 2.4.3 Axalta Coating Systems Smart Coatings Product and Services
  - 2.4.4 Axalta Coating Systems Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 Axalta Coating Systems Recent Developments/Updates
- 2.5 Hempel
  - 2.5.1 Hempel Details
  - 2.5.2 Hempel Major Business
  - 2.5.3 Hempel Smart Coatings Product and Services
  - 2.5.4 Hempel Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 Hempel Recent Developments/Updates
- 2.6 Jotun
  - 2.6.1 Jotun Details
  - 2.6.2 Jotun Major Business
  - 2.6.3 Jotun Smart Coatings Product and Services
  - 2.6.4 Jotun Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 Jotun Recent Developments/Updates
- 2.7 Dow Corning
  - 2.7.1 Dow Corning Details
  - 2.7.2 Dow Corning Major Business
  - 2.7.3 Dow Corning Smart Coatings Product and Services
  - 2.7.4 Dow Corning Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.7.5 Dow Corning Recent Developments/Updates

## 2.8 Sherwin-Williams

### 2.8.1 Sherwin-Williams Details

### 2.8.2 Sherwin-Williams Major Business

### 2.8.3 Sherwin-Williams Smart Coatings Product and Services

### 2.8.4 Sherwin-Williams Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.8.5 Sherwin-Williams Recent Developments/Updates

## 2.9 RPM International

### 2.9.1 RPM International Details

### 2.9.2 RPM International Major Business

### 2.9.3 RPM International Smart Coatings Product and Services

### 2.9.4 RPM International Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.9.5 RPM International Recent Developments/Updates

## 2.10 NEI

### 2.10.1 NEI Details

### 2.10.2 NEI Major Business

### 2.10.3 NEI Smart Coatings Product and Services

### 2.10.4 NEI Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.10.5 NEI Recent Developments/Updates

## 2.11 Hygratek

### 2.11.1 Hygratek Details

### 2.11.2 Hygratek Major Business

### 2.11.3 Hygratek Smart Coatings Product and Services

### 2.11.4 Hygratek Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.11.5 Hygratek Recent Developments/Updates

## 2.12 Nanoshell Company

### 2.12.1 Nanoshell Company Details

### 2.12.2 Nanoshell Company Major Business

### 2.12.3 Nanoshell Company Smart Coatings Product and Services

### 2.12.4 Nanoshell Company Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.12.5 Nanoshell Company Recent Developments/Updates

## 2.13 Ancatt

### 2.13.1 Ancatt Details

### 2.13.2 Ancatt Major Business

### 2.13.3 Ancatt Smart Coatings Product and Services



2.13.4 Ancatt Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Ancatt Recent Developments/Updates

2.14 Tesla Nanocoatings

2.14.1 Tesla Nanocoatings Details

2.14.2 Tesla Nanocoatings Major Business

2.14.3 Tesla Nanocoatings Smart Coatings Product and Services

2.14.4 Tesla Nanocoatings Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Tesla Nanocoatings Recent Developments/Updates

2.15 Royal Dsm

2.15.1 Royal Dsm Details

2.15.2 Royal Dsm Major Business

2.15.3 Royal Dsm Smart Coatings Product and Services

2.15.4 Royal Dsm Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 Royal Dsm Recent Developments/Updates

2.16 Greenkote

2.16.1 Greenkote Details

2.16.2 Greenkote Major Business

2.16.3 Greenkote Smart Coatings Product and Services

2.16.4 Greenkote Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.16.5 Greenkote Recent Developments/Updates

2.17 CG2 Nanocoatings

2.17.1 CG2 Nanocoatings Details

2.17.2 CG2 Nanocoatings Major Business

2.17.3 CG2 Nanocoatings Smart Coatings Product and Services

2.17.4 CG2 Nanocoatings Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.17.5 CG2 Nanocoatings Recent Developments/Updates

2.18 Helicity Technologies

2.18.1 Helicity Technologies Details

2.18.2 Helicity Technologies Major Business

2.18.3 Helicity Technologies Smart Coatings Product and Services

2.18.4 Helicity Technologies Smart Coatings Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.18.5 Helicity Technologies Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: SMART COATINGS BY MANUFACTURER**

- 3.1 Global Smart Coatings Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Smart Coatings Revenue by Manufacturer (2018-2023)
- 3.3 Global Smart Coatings Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
  - 3.4.1 Producer Shipments of Smart Coatings by Manufacturer Revenue (\$MM) and Market Share (%): 2022
  - 3.4.2 Top 3 Smart Coatings Manufacturer Market Share in 2022
  - 3.4.2 Top 6 Smart Coatings Manufacturer Market Share in 2022
- 3.5 Smart Coatings Market: Overall Company Footprint Analysis
  - 3.5.1 Smart Coatings Market: Region Footprint
  - 3.5.2 Smart Coatings Market: Company Product Type Footprint
  - 3.5.3 Smart Coatings Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Smart Coatings Market Size by Region
  - 4.1.1 Global Smart Coatings Sales Quantity by Region (2018-2029)
  - 4.1.2 Global Smart Coatings Consumption Value by Region (2018-2029)
  - 4.1.3 Global Smart Coatings Average Price by Region (2018-2029)
- 4.2 North America Smart Coatings Consumption Value (2018-2029)
- 4.3 Europe Smart Coatings Consumption Value (2018-2029)
- 4.4 Asia-Pacific Smart Coatings Consumption Value (2018-2029)
- 4.5 South America Smart Coatings Consumption Value (2018-2029)
- 4.6 Middle East and Africa Smart Coatings Consumption Value (2018-2029)

### **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Smart Coatings Sales Quantity by Type (2018-2029)
- 5.2 Global Smart Coatings Consumption Value by Type (2018-2029)
- 5.3 Global Smart Coatings Average Price by Type (2018-2029)

### **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Smart Coatings Sales Quantity by Application (2018-2029)
- 6.2 Global Smart Coatings Consumption Value by Application (2018-2029)

## 6.3 Global Smart Coatings Average Price by Application (2018-2029)

## 7 NORTH AMERICA

### 7.1 North America Smart Coatings Sales Quantity by Type (2018-2029)

### 7.2 North America Smart Coatings Sales Quantity by Application (2018-2029)

### 7.3 North America Smart Coatings Market Size by Country

#### 7.3.1 North America Smart Coatings Sales Quantity by Country (2018-2029)

#### 7.3.2 North America Smart Coatings Consumption Value by Country (2018-2029)

#### 7.3.3 United States Market Size and Forecast (2018-2029)

#### 7.3.4 Canada Market Size and Forecast (2018-2029)

#### 7.3.5 Mexico Market Size and Forecast (2018-2029)

## 8 EUROPE

### 8.1 Europe Smart Coatings Sales Quantity by Type (2018-2029)

### 8.2 Europe Smart Coatings Sales Quantity by Application (2018-2029)

### 8.3 Europe Smart Coatings Market Size by Country

#### 8.3.1 Europe Smart Coatings Sales Quantity by Country (2018-2029)

#### 8.3.2 Europe Smart Coatings Consumption Value by Country (2018-2029)

#### 8.3.3 Germany Market Size and Forecast (2018-2029)

#### 8.3.4 France Market Size and Forecast (2018-2029)

#### 8.3.5 United Kingdom Market Size and Forecast (2018-2029)

#### 8.3.6 Russia Market Size and Forecast (2018-2029)

#### 8.3.7 Italy Market Size and Forecast (2018-2029)

## 9 ASIA-PACIFIC

### 9.1 Asia-Pacific Smart Coatings Sales Quantity by Type (2018-2029)

### 9.2 Asia-Pacific Smart Coatings Sales Quantity by Application (2018-2029)

### 9.3 Asia-Pacific Smart Coatings Market Size by Region

#### 9.3.1 Asia-Pacific Smart Coatings Sales Quantity by Region (2018-2029)

#### 9.3.2 Asia-Pacific Smart Coatings Consumption Value by Region (2018-2029)

#### 9.3.3 China Market Size and Forecast (2018-2029)

#### 9.3.4 Japan Market Size and Forecast (2018-2029)

#### 9.3.5 Korea Market Size and Forecast (2018-2029)

#### 9.3.6 India Market Size and Forecast (2018-2029)

#### 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

#### 9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

- 10.1 South America Smart Coatings Sales Quantity by Type (2018-2029)
- 10.2 South America Smart Coatings Sales Quantity by Application (2018-2029)
- 10.3 South America Smart Coatings Market Size by Country
  - 10.3.1 South America Smart Coatings Sales Quantity by Country (2018-2029)
  - 10.3.2 South America Smart Coatings Consumption Value by Country (2018-2029)
  - 10.3.3 Brazil Market Size and Forecast (2018-2029)
  - 10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Smart Coatings Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Smart Coatings Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Smart Coatings Market Size by Country
  - 11.3.1 Middle East & Africa Smart Coatings Sales Quantity by Country (2018-2029)
  - 11.3.2 Middle East & Africa Smart Coatings Consumption Value by Country (2018-2029)
  - 11.3.3 Turkey Market Size and Forecast (2018-2029)
  - 11.3.4 Egypt Market Size and Forecast (2018-2029)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
  - 11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

- 12.1 Smart Coatings Market Drivers
- 12.2 Smart Coatings Market Restraints
- 12.3 Smart Coatings Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
  - 12.5.1 Influence of COVID-19
  - 12.5.2 Influence of Russia-Ukraine War

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Smart Coatings and Key Manufacturers

13.2 Manufacturing Costs Percentage of Smart Coatings

13.3 Smart Coatings Production Process

13.4 Smart Coatings Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Smart Coatings Typical Distributors

14.3 Smart Coatings Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Smart Coatings Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Smart Coatings Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. 3M Basic Information, Manufacturing Base and Competitors

Table 4. 3M Major Business

Table 5. 3M Smart Coatings Product and Services

Table 6. 3M Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. 3M Recent Developments/Updates

Table 8. PPG Industries Basic Information, Manufacturing Base and Competitors

Table 9. PPG Industries Major Business

Table 10. PPG Industries Smart Coatings Product and Services

Table 11. PPG Industries Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. PPG Industries Recent Developments/Updates

Table 13. Akzonobel Basic Information, Manufacturing Base and Competitors

Table 14. Akzonobel Major Business

Table 15. Akzonobel Smart Coatings Product and Services

Table 16. Akzonobel Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Akzonobel Recent Developments/Updates

Table 18. Axalta Coating Systems Basic Information, Manufacturing Base and Competitors

Table 19. Axalta Coating Systems Major Business

Table 20. Axalta Coating Systems Smart Coatings Product and Services

Table 21. Axalta Coating Systems Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Axalta Coating Systems Recent Developments/Updates

Table 23. Hempel Basic Information, Manufacturing Base and Competitors

Table 24. Hempel Major Business

Table 25. Hempel Smart Coatings Product and Services

Table 26. Hempel Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Hempel Recent Developments/Updates

Table 28. Jotun Basic Information, Manufacturing Base and Competitors

Table 29. Jotun Major Business

Table 30. Jotun Smart Coatings Product and Services

Table 31. Jotun Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Jotun Recent Developments/Updates

Table 33. Dow Corning Basic Information, Manufacturing Base and Competitors

Table 34. Dow Corning Major Business

Table 35. Dow Corning Smart Coatings Product and Services

Table 36. Dow Corning Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Dow Corning Recent Developments/Updates

Table 38. Sherwin-Williams Basic Information, Manufacturing Base and Competitors

Table 39. Sherwin-Williams Major Business

Table 40. Sherwin-Williams Smart Coatings Product and Services

Table 41. Sherwin-Williams Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Sherwin-Williams Recent Developments/Updates

Table 43. RPM International Basic Information, Manufacturing Base and Competitors

Table 44. RPM International Major Business

Table 45. RPM International Smart Coatings Product and Services

Table 46. RPM International Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. RPM International Recent Developments/Updates

Table 48. NEI Basic Information, Manufacturing Base and Competitors

Table 49. NEI Major Business

Table 50. NEI Smart Coatings Product and Services

Table 51. NEI Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. NEI Recent Developments/Updates

Table 53. Hygratek Basic Information, Manufacturing Base and Competitors

Table 54. Hygratek Major Business

Table 55. Hygratek Smart Coatings Product and Services

Table 56. Hygratek Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Hygratek Recent Developments/Updates

Table 58. Nanoshell Company Basic Information, Manufacturing Base and Competitors

Table 59. Nanoshell Company Major Business

Table 60. Nanoshell Company Smart Coatings Product and Services

Table 61. Nanoshell Company Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Nanoshell Company Recent Developments/Updates

Table 63. Ancatt Basic Information, Manufacturing Base and Competitors

Table 64. Ancatt Major Business

Table 65. Ancatt Smart Coatings Product and Services

Table 66. Ancatt Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Ancatt Recent Developments/Updates

Table 68. Tesla Nanocoatings Basic Information, Manufacturing Base and Competitors

Table 69. Tesla Nanocoatings Major Business

Table 70. Tesla Nanocoatings Smart Coatings Product and Services

Table 71. Tesla Nanocoatings Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Tesla Nanocoatings Recent Developments/Updates

Table 73. Royal Dsm Basic Information, Manufacturing Base and Competitors

Table 74. Royal Dsm Major Business

Table 75. Royal Dsm Smart Coatings Product and Services

Table 76. Royal Dsm Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Royal Dsm Recent Developments/Updates

Table 78. Greenkote Basic Information, Manufacturing Base and Competitors

Table 79. Greenkote Major Business

Table 80. Greenkote Smart Coatings Product and Services

Table 81. Greenkote Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. Greenkote Recent Developments/Updates

Table 83. CG2 Nanocoatings Basic Information, Manufacturing Base and Competitors

Table 84. CG2 Nanocoatings Major Business

Table 85. CG2 Nanocoatings Smart Coatings Product and Services

Table 86. CG2 Nanocoatings Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 87. CG2 Nanocoatings Recent Developments/Updates

Table 88. Helicity Technologies Basic Information, Manufacturing Base and Competitors

Table 89. Helicity Technologies Major Business

Table 90. Helicity Technologies Smart Coatings Product and Services

Table 91. Helicity Technologies Smart Coatings Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 92. Helicity Technologies Recent Developments/Updates



Table 93. Global Smart Coatings Sales Quantity by Manufacturer (2018-2023) & (K MT)

Table 94. Global Smart Coatings Revenue by Manufacturer (2018-2023) & (USD Million)

Table 95. Global Smart Coatings Average Price by Manufacturer (2018-2023) & (USD/MT)

Table 96. Market Position of Manufacturers in Smart Coatings, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 97. Head Office and Smart Coatings Production Site of Key Manufacturer

Table 98. Smart Coatings Market: Company Product Type Footprint

Table 99. Smart Coatings Market: Company Product Application Footprint

Table 100. Smart Coatings New Market Entrants and Barriers to Market Entry

Table 101. Smart Coatings Mergers, Acquisition, Agreements, and Collaborations

Table 102. Global Smart Coatings Sales Quantity by Region (2018-2023) & (K MT)

Table 103. Global Smart Coatings Sales Quantity by Region (2024-2029) & (K MT)

Table 104. Global Smart Coatings Consumption Value by Region (2018-2023) & (USD Million)

Table 105. Global Smart Coatings Consumption Value by Region (2024-2029) & (USD Million)

Table 106. Global Smart Coatings Average Price by Region (2018-2023) & (USD/MT)

Table 107. Global Smart Coatings Average Price by Region (2024-2029) & (USD/MT)

Table 108. Global Smart Coatings Sales Quantity by Type (2018-2023) & (K MT)

Table 109. Global Smart Coatings Sales Quantity by Type (2024-2029) & (K MT)

Table 110. Global Smart Coatings Consumption Value by Type (2018-2023) & (USD Million)

Table 111. Global Smart Coatings Consumption Value by Type (2024-2029) & (USD Million)

Table 112. Global Smart Coatings Average Price by Type (2018-2023) & (USD/MT)

Table 113. Global Smart Coatings Average Price by Type (2024-2029) & (USD/MT)

Table 114. Global Smart Coatings Sales Quantity by Application (2018-2023) & (K MT)

Table 115. Global Smart Coatings Sales Quantity by Application (2024-2029) & (K MT)

Table 116. Global Smart Coatings Consumption Value by Application (2018-2023) & (USD Million)

Table 117. Global Smart Coatings Consumption Value by Application (2024-2029) & (USD Million)

Table 118. Global Smart Coatings Average Price by Application (2018-2023) & (USD/MT)

Table 119. Global Smart Coatings Average Price by Application (2024-2029) & (USD/MT)

Table 120. North America Smart Coatings Sales Quantity by Type (2018-2023) & (K

MT)

Table 121. North America Smart Coatings Sales Quantity by Type (2024-2029) & (K MT)

Table 122. North America Smart Coatings Sales Quantity by Application (2018-2023) & (K MT)

Table 123. North America Smart Coatings Sales Quantity by Application (2024-2029) & (K MT)

Table 124. North America Smart Coatings Sales Quantity by Country (2018-2023) & (K MT)

Table 125. North America Smart Coatings Sales Quantity by Country (2024-2029) & (K MT)

Table 126. North America Smart Coatings Consumption Value by Country (2018-2023) & (USD Million)

Table 127. North America Smart Coatings Consumption Value by Country (2024-2029) & (USD Million)

Table 128. Europe Smart Coatings Sales Quantity by Type (2018-2023) & (K MT)

Table 129. Europe Smart Coatings Sales Quantity by Type (2024-2029) & (K MT)

Table 130. Europe Smart Coatings Sales Quantity by Application (2018-2023) & (K MT)

Table 131. Europe Smart Coatings Sales Quantity by Application (2024-2029) & (K MT)

Table 132. Europe Smart Coatings Sales Quantity by Country (2018-2023) & (K MT)

Table 133. Europe Smart Coatings Sales Quantity by Country (2024-2029) & (K MT)

Table 134. Europe Smart Coatings Consumption Value by Country (2018-2023) & (USD Million)

Table 135. Europe Smart Coatings Consumption Value by Country (2024-2029) & (USD Million)

Table 136. Asia-Pacific Smart Coatings Sales Quantity by Type (2018-2023) & (K MT)

Table 137. Asia-Pacific Smart Coatings Sales Quantity by Type (2024-2029) & (K MT)

Table 138. Asia-Pacific Smart Coatings Sales Quantity by Application (2018-2023) & (K MT)

Table 139. Asia-Pacific Smart Coatings Sales Quantity by Application (2024-2029) & (K MT)

Table 140. Asia-Pacific Smart Coatings Sales Quantity by Region (2018-2023) & (K MT)

Table 141. Asia-Pacific Smart Coatings Sales Quantity by Region (2024-2029) & (K MT)

Table 142. Asia-Pacific Smart Coatings Consumption Value by Region (2018-2023) & (USD Million)

Table 143. Asia-Pacific Smart Coatings Consumption Value by Region (2024-2029) & (USD Million)

Table 144. South America Smart Coatings Sales Quantity by Type (2018-2023) & (K MT)

Table 145. South America Smart Coatings Sales Quantity by Type (2024-2029) & (K MT)

Table 146. South America Smart Coatings Sales Quantity by Application (2018-2023) & (K MT)

Table 147. South America Smart Coatings Sales Quantity by Application (2024-2029) & (K MT)

Table 148. South America Smart Coatings Sales Quantity by Country (2018-2023) & (K MT)

Table 149. South America Smart Coatings Sales Quantity by Country (2024-2029) & (K MT)

Table 150. South America Smart Coatings Consumption Value by Country (2018-2023) & (USD Million)

Table 151. South America Smart Coatings Consumption Value by Country (2024-2029) & (USD Million)

Table 152. Middle East & Africa Smart Coatings Sales Quantity by Type (2018-2023) & (K MT)

Table 153. Middle East & Africa Smart Coatings Sales Quantity by Type (2024-2029) & (K MT)

Table 154. Middle East & Africa Smart Coatings Sales Quantity by Application (2018-2023) & (K MT)

Table 155. Middle East & Africa Smart Coatings Sales Quantity by Application (2024-2029) & (K MT)

Table 156. Middle East & Africa Smart Coatings Sales Quantity by Region (2018-2023) & (K MT)

Table 157. Middle East & Africa Smart Coatings Sales Quantity by Region (2024-2029) & (K MT)

Table 158. Middle East & Africa Smart Coatings Consumption Value by Region (2018-2023) & (USD Million)

Table 159. Middle East & Africa Smart Coatings Consumption Value by Region (2024-2029) & (USD Million)

Table 160. Smart Coatings Raw Material

Table 161. Key Manufacturers of Smart Coatings Raw Materials

Table 162. Smart Coatings Typical Distributors

Table 163. Smart Coatings Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Smart Coatings Picture

Figure 2. Global Smart Coatings Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Smart Coatings Consumption Value Market Share by Type in 2022

Figure 4. Anti-corrosion Examples

Figure 5. Anti-icing Examples

Figure 6. Anti-fouling Examples

Figure 7. Anti-microbial Examples

Figure 8. Self-cleaning Examples

Figure 9. Self-healing Examples

Figure 10. Global Smart Coatings Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 11. Global Smart Coatings Consumption Value Market Share by Application in 2022

Figure 12. Automotive & Transportation Examples

Figure 13. Marine Examples

Figure 14. Aerospace & Defense Examples

Figure 15. Building & Construction Examples

Figure 16. Global Smart Coatings Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 17. Global Smart Coatings Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 18. Global Smart Coatings Sales Quantity (2018-2029) & (K MT)

Figure 19. Global Smart Coatings Average Price (2018-2029) & (USD/MT)

Figure 20. Global Smart Coatings Sales Quantity Market Share by Manufacturer in 2022

Figure 21. Global Smart Coatings Consumption Value Market Share by Manufacturer in 2022

Figure 22. Producer Shipments of Smart Coatings by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 23. Top 3 Smart Coatings Manufacturer (Consumption Value) Market Share in 2022

Figure 24. Top 6 Smart Coatings Manufacturer (Consumption Value) Market Share in 2022

Figure 25. Global Smart Coatings Sales Quantity Market Share by Region (2018-2029)

Figure 26. Global Smart Coatings Consumption Value Market Share by Region

(2018-2029)

Figure 27. North America Smart Coatings Consumption Value (2018-2029) & (USD Million)

Figure 28. Europe Smart Coatings Consumption Value (2018-2029) & (USD Million)

Figure 29. Asia-Pacific Smart Coatings Consumption Value (2018-2029) & (USD Million)

Figure 30. South America Smart Coatings Consumption Value (2018-2029) & (USD Million)

Figure 31. Middle East & Africa Smart Coatings Consumption Value (2018-2029) & (USD Million)

Figure 32. Global Smart Coatings Sales Quantity Market Share by Type (2018-2029)

Figure 33. Global Smart Coatings Consumption Value Market Share by Type (2018-2029)

Figure 34. Global Smart Coatings Average Price by Type (2018-2029) & (USD/MT)

Figure 35. Global Smart Coatings Sales Quantity Market Share by Application (2018-2029)

Figure 36. Global Smart Coatings Consumption Value Market Share by Application (2018-2029)

Figure 37. Global Smart Coatings Average Price by Application (2018-2029) & (USD/MT)

Figure 38. North America Smart Coatings Sales Quantity Market Share by Type (2018-2029)

Figure 39. North America Smart Coatings Sales Quantity Market Share by Application (2018-2029)

Figure 40. North America Smart Coatings Sales Quantity Market Share by Country (2018-2029)

Figure 41. North America Smart Coatings Consumption Value Market Share by Country (2018-2029)

Figure 42. United States Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Canada Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Mexico Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. Europe Smart Coatings Sales Quantity Market Share by Type (2018-2029)

Figure 46. Europe Smart Coatings Sales Quantity Market Share by Application (2018-2029)

Figure 47. Europe Smart Coatings Sales Quantity Market Share by Country (2018-2029)

Figure 48. Europe Smart Coatings Consumption Value Market Share by Country (2018-2029)

Figure 49. Germany Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. France Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. United Kingdom Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Russia Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Italy Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Asia-Pacific Smart Coatings Sales Quantity Market Share by Type (2018-2029)

Figure 55. Asia-Pacific Smart Coatings Sales Quantity Market Share by Application (2018-2029)

Figure 56. Asia-Pacific Smart Coatings Sales Quantity Market Share by Region (2018-2029)

Figure 57. Asia-Pacific Smart Coatings Consumption Value Market Share by Region (2018-2029)

Figure 58. China Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Japan Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Korea Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. India Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Southeast Asia Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. Australia Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. South America Smart Coatings Sales Quantity Market Share by Type (2018-2029)

Figure 65. South America Smart Coatings Sales Quantity Market Share by Application (2018-2029)

Figure 66. South America Smart Coatings Sales Quantity Market Share by Country (2018-2029)

Figure 67. South America Smart Coatings Consumption Value Market Share by Country

(2018-2029)

Figure 68. Brazil Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Argentina Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Middle East & Africa Smart Coatings Sales Quantity Market Share by Type (2018-2029)

Figure 71. Middle East & Africa Smart Coatings Sales Quantity Market Share by Application (2018-2029)

Figure 72. Middle East & Africa Smart Coatings Sales Quantity Market Share by Region (2018-2029)

Figure 73. Middle East & Africa Smart Coatings Consumption Value Market Share by Region (2018-2029)

Figure 74. Turkey Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Egypt Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Saudi Arabia Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. South Africa Smart Coatings Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 78. Smart Coatings Market Drivers

Figure 79. Smart Coatings Market Restraints

Figure 80. Smart Coatings Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Smart Coatings in 2022

Figure 83. Manufacturing Process Analysis of Smart Coatings

Figure 84. Smart Coatings Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

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