

Mirror Coatings Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

<https://marketpublishers.com/r/M054657F9E4DEN.html>

Date: May 2022

Pages: 145

Price: US\$ 2,499.00 (Single User License)

ID: M054657F9E4DEN

Abstracts

The global mirror coatings market reached a value of US\$ 642 Million in 2021. Looking forward, IMARC Group expects the market to reach US\$ 967 Million by 2027, exhibiting a CAGR of 7.2% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

Mirror coatings are thin metallic layers applied to polished surfaces to reflect light. They are produced using vacuum evaporation or sputtering technique on glass and metals, such as aluminum, gold, copper and silver, along with beryllium, copper and chrome. Mirror coatings are commonly available in solvent-based, water-based and nanocoating variants. These coatings provide protection against scratches, abrasion, oxidation and chemical corrosion. They are widely used in the light-emitting diode (LED) light reflectors, deflection mirrors of scanners, prisms, telescopic mirrors, head-mounted displays (HMDs) and distance measuring devices. As a result, mirror coatings find extensive applications across various industries, including automotive, construction, healthcare, transportation, solar power and energy.

Mirror Coatings Market Trends:

Significant growth in the construction industry across the globe is one of the key factors creating a positive outlook for the market. Mirror coatings are widely applied on architectural and decorative mirrors in walls, kitchens, saloons, bathrooms, doors, and bars of residential and commercial complexes. Moreover, the widespread adoption of concentrated solar power (CSP) panels for focusing sunlight and generating steam to drive the power turbines is providing a thrust to the market growth. CSPs require

durable, cost-effective, lightweight and long-term protective polyurethane mirror coatings that are applied through liquid-metal thin-film deposition techniques. Additionally, the development of innovative nanocoatings is acting as another growth-inducing factor. These coatings are dirt- and water-repellent, scratchproof, temperature- and corrosion-resistant and emit a low amount of volatile organic compounds (VOCs). Other factors, including the increasing adoption of mirror coatings in wastewater treatment plants, along with extensive research and development (R&D) activities, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global mirror coatings market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on resin type, technology, substrate and end user.

Breakup by Resin Type:

- Epoxy
- Acrylic
- Polyurethane
- Others

Breakup by Technology:

- Nano Coatings
- Solvent-Based
- Water-Based

Breakup by Substrate:

- Silver
- Aluminium
- Others

Breakup by End User:

- Building and Construction
- Automotive and Transportation
- Energy

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Arkema S.A., CASIX (Fabrinet), Diamon-Fusion International Inc., Dynasil Corporation, Edmund Optics Inc., FENZI S.p.A., Ferro Corporation, Guardian Glass LLC (Koch Industries Inc.), Pearl Nano LLC, The Sherwin-Williams Company, Tianjin Xin Lihua Color Materials Co. Ltd (NBC) and Vitro S.A.B. de C.V.

Key Questions Answered in This Report:

How has the global mirror coatings market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global mirror coatings market?

What are the key regional markets?

What is the breakup of the market based on the resin type?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the substrate?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global mirror coatings market and who are the key players?

What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL MIRROR COATINGS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY RESIN TYPE

- 6.1 Epoxy
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Acrylic
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Polyurethane

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Others
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY TECHNOLOGY

- 7.1 Nano Coatings
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Solvent-Based
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Water-Based
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast

8 MARKET BREAKUP BY SUBSTRATE

- 8.1 Silver
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Aluminium
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Others
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast

9 MARKET BREAKUP BY END USER

- 9.1 Building and Construction
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
- 9.2 Automotive and Transportation
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Energy

9.3.1 Market Trends

9.3.2 Market Forecast

9.4 Others

9.4.1 Market Trends

9.4.2 Market Forecast

10 MARKET BREAKUP BY REGION

10.1 North America

10.1.1 United States

10.1.1.1 Market Trends

10.1.1.2 Market Forecast

10.1.2 Canada

10.1.2.1 Market Trends

10.1.2.2 Market Forecast

10.2 Asia-Pacific

10.2.1 China

10.2.1.1 Market Trends

10.2.1.2 Market Forecast

10.2.2 Japan

10.2.2.1 Market Trends

10.2.2.2 Market Forecast

10.2.3 India

10.2.3.1 Market Trends

10.2.3.2 Market Forecast

10.2.4 South Korea

10.2.4.1 Market Trends

10.2.4.2 Market Forecast

10.2.5 Australia

10.2.5.1 Market Trends

10.2.5.2 Market Forecast

10.2.6 Indonesia

10.2.6.1 Market Trends

10.2.6.2 Market Forecast

10.2.7 Others

10.2.7.1 Market Trends

10.2.7.2 Market Forecast

10.3 Europe

10.3.1 Germany

- 10.3.1.1 Market Trends
- 10.3.1.2 Market Forecast
- 10.3.2 France
 - 10.3.2.1 Market Trends
 - 10.3.2.2 Market Forecast
- 10.3.3 United Kingdom
 - 10.3.3.1 Market Trends
 - 10.3.3.2 Market Forecast
- 10.3.4 Italy
 - 10.3.4.1 Market Trends
 - 10.3.4.2 Market Forecast
- 10.3.5 Spain
 - 10.3.5.1 Market Trends
 - 10.3.5.2 Market Forecast
- 10.3.6 Russia
 - 10.3.6.1 Market Trends
 - 10.3.6.2 Market Forecast
- 10.3.7 Others
 - 10.3.7.1 Market Trends
 - 10.3.7.2 Market Forecast
- 10.4 Latin America
 - 10.4.1 Brazil
 - 10.4.1.1 Market Trends
 - 10.4.1.2 Market Forecast
 - 10.4.2 Mexico
 - 10.4.2.1 Market Trends
 - 10.4.2.2 Market Forecast
 - 10.4.3 Others
 - 10.4.3.1 Market Trends
 - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
 - 10.5.1 Market Trends
 - 10.5.2 Market Breakup by Country
 - 10.5.3 Market Forecast

11 SWOT ANALYSIS

- 11.1 Overview
- 11.2 Strengths

11.3 Weaknesses

11.4 Opportunities

11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

13.1 Overview

13.2 Bargaining Power of Buyers

13.3 Bargaining Power of Suppliers

13.4 Degree of Competition

13.5 Threat of New Entrants

13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

15.1 Market Structure

15.2 Key Players

15.3 Profiles of Key Players

15.3.1 Arkema S.A.

15.3.1.1 Company Overview

15.3.1.2 Product Portfolio

15.3.1.3 Financials

15.3.1.4 SWOT Analysis

15.3.2 CASIX (Fabrinet)

15.3.2.1 Company Overview

15.3.2.2 Product Portfolio

15.3.3 Diamon-Fusion International Inc.

15.3.3.1 Company Overview

15.3.3.2 Product Portfolio

15.3.4 Dynasil Corporation

15.3.4.1 Company Overview

15.3.4.2 Product Portfolio

15.3.4.3 Financials

15.3.5 Edmund Optics Inc.

15.3.5.1 Company Overview

- 15.3.5.2 Product Portfolio
- 15.3.6 FENZI S.p.A.
 - 15.3.6.1 Company Overview
 - 15.3.6.2 Product Portfolio
- 15.3.7 Ferro Corporation
 - 15.3.7.1 Company Overview
 - 15.3.7.2 Product Portfolio
 - 15.3.7.3 Financials
 - 15.3.7.4 SWOT Analysis
- 15.3.8 Guardian Glass LLC (Koch Industries Inc.)
 - 15.3.8.1 Company Overview
 - 15.3.8.2 Product Portfolio
- 15.3.9 Pearl Nano LLC
 - 15.3.9.1 Company Overview
 - 15.3.9.2 Product Portfolio
- 15.3.10 The Sherwin-Williams Company
 - 15.3.10.1 Company Overview
 - 15.3.10.2 Product Portfolio
 - 15.3.10.3 Financials
 - 15.3.10.4 SWOT Analysis
- 15.3.11 Tianjin Xin Lihua Color Materials Co. Ltd (NBC)
 - 15.3.11.1 Company Overview
 - 15.3.11.2 Product Portfolio
- 15.3.12 Vitro S.A.B. de C.V.
 - 15.3.12.1 Company Overview
 - 15.3.12.2 Product Portfolio
 - 15.3.12.3 Financials

List Of Tables

LIST OF TABLES

Table 1: Global: Mirror Coatings Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Mirror Coatings Market Forecast: Breakup by Resin Type (in Million US\$), 2022-2027

Table 3: Global: Mirror Coatings Market Forecast: Breakup by Technology (in Million US\$), 2022-2027

Table 4: Global: Mirror Coatings Market Forecast: Breakup by Substrate (in Million US\$), 2022-2027

Table 5: Global: Mirror Coatings Market Forecast: Breakup by End User (in Million US\$), 2022-2027

Table 6: Global: Mirror Coatings Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 7: Global: Mirror Coatings Market: Competitive Structure

Table 8: Global: Mirror Coatings Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Mirror Coatings Market: Major Drivers and Challenges

Figure 2: Global: Mirror Coatings Market: Sales Value (in Million US\$), 2016-2021

Figure 3: Global: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 4: Global: Mirror Coatings Market: Breakup by Resin Type (in %), 2021

Figure 5: Global: Mirror Coatings Market: Breakup by Technology (in %), 2021

Figure 6: Global: Mirror Coatings Market: Breakup by Substrate (in %), 2021

Figure 7: Global: Mirror Coatings Market: Breakup by End User (in %), 2021

Figure 8: Global: Mirror Coatings Market: Breakup by Region (in %), 2021

Figure 9: Global: Mirror Coatings (Epoxy) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 10: Global: Mirror Coatings (Epoxy) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 11: Global: Mirror Coatings (Acrylic) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 12: Global: Mirror Coatings (Acrylic) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 13: Global: Mirror Coatings (Polyurethane) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 14: Global: Mirror Coatings (Polyurethane) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 15: Global: Mirror Coatings (Other Resin Types) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 16: Global: Mirror Coatings (Other Resin Types) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 17: Global: Mirror Coatings (Nano Coatings) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 18: Global: Mirror Coatings (Nano Coatings) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 19: Global: Mirror Coatings (Solvent-Based) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 20: Global: Mirror Coatings (Solvent-Based) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 21: Global: Mirror Coatings (Water-Based) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 22: Global: Mirror Coatings (Water-Based) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 23: Global: Mirror Coatings (Silver) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 24: Global: Mirror Coatings (Silver) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 25: Global: Mirror Coatings (Aluminium) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 26: Global: Mirror Coatings (Aluminium) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 27: Global: Mirror Coatings (Other Substrates) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 28: Global: Mirror Coatings (Other Substrates) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 29: Global: Mirror Coatings (Building and Construction) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 30: Global: Mirror Coatings (Building and Construction) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 31: Global: Mirror Coatings (Automotive and Transportation) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 32: Global: Mirror Coatings (Automotive and Transportation) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 33: Global: Mirror Coatings (Energy) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 34: Global: Mirror Coatings (Energy) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 35: Global: Mirror Coatings (Other End Users) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 36: Global: Mirror Coatings (Other End Users) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 37: North America: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 38: North America: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 39: United States: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 40: United States: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 41: Canada: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 42: Canada: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 43: Asia-Pacific: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 44: Asia-Pacific: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 45: China: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 46: China: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 47: Japan: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 48: Japan: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 49: India: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 50: India: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 51: South Korea: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 52: South Korea: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 53: Australia: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 54: Australia: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 55: Indonesia: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 56: Indonesia: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 57: Others: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 58: Others: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 59: Europe: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 60: Europe: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 61: Germany: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 62: Germany: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 63: France: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 64: France: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 65: United Kingdom: Mirror Coatings Market: Sales Value (in Million US\$), 2016

& 2021

Figure 66: United Kingdom: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 67: Italy: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 68: Italy: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 69: Spain: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 70: Spain: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 71: Russia: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 72: Russia: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 73: Others: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 74: Others: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 75: Latin America: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 76: Latin America: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 77: Brazil: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 78: Brazil: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 79: Mexico: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 80: Mexico: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 81: Others: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 82: Others: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 83: Middle East and Africa: Mirror Coatings Market: Sales Value (in Million US\$), 2016 & 2021

Figure 84: Middle East and Africa: Mirror Coatings Market: Breakup by Country (in %), 2021

Figure 85: Middle East and Africa: Mirror Coatings Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 86: Global: Mirror Coatings Industry: SWOT Analysis

Figure 87: Global: Mirror Coatings Industry: Value Chain Analysis

Figure 88: Global: Mirror Coatings Industry: Porter's Five Forces Analysis

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