

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

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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?

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