

Aerospace Coatings Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global aerospace coatings market size reached US\$ 1.3 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1.8 Billion by 2028, exhibiting a growth rate (CAGR) of 5.6% during 2022-2028.

Aerospace coatings are made using multiple layers of materials to improve aircraft efficiency and overall performance. These coatings can withstand high temperatures and offer resistance against corrosion and ultraviolet (UV) rays, which helps to increase the lifespan of the aircraft. As a result, they are utilized to protect the exteriors of planes from harsh weather conditions, improve durability, reduce in-flight drag on wings, prevent surface icing and facilitate vacuum-suction waste evacuation. They are also used to keep the interiors like ceiling panels, galley carts, sidewalls and seats cool. A significant rise in the demand for commercial aviation on account of the improving living standards of individuals and the thriving e-commerce and travel and tourism industry represents one of the key factors bolstering the market growth. Moreover, rapid globalization is encouraging the adoption of private jets for business travel, which is also contributing to the market growth. The increasing number of space missions is further escalating the demand for aerospace coatings. Moreover, with the growing international border disputes, governing agencies of numerous countries are procuring advanced military warplanes, which is influencing the market growth. In line with this, several manufacturers are developing UV-cured aerospace coatings to reduce the emissions of volatile organic compounds (VOCs). They are also using lightweight materials and chrome-free technologies to reduce weight and fuel consumption, thereby minimizing the carbon footprint of the aircraft. This is anticipated to expand the applications of aircraft coatings in the coming years.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global

aerospace coatings market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on resin type, product form, application, aircraft type and end user.

Breakup by Resin Type:

Epoxy

Acrylic

Polyurethane

Others

Breakup by Product Form:

Liquid

Powder

Others

Breakup by Application:

Exterior

Interior

Breakup by Aircraft Type:

Commercial

Military

Others

Breakup by End User:

Original Equipment Manufacturers (OEMs)

Maintenance, Repair and Overhaul Companies (MRO Companies)

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 Aalberts Surface Treatment GmbH, Akzo Nobel N.V., Axalta Coating Systems Ltd., Henkel AG & Co. KGaA, Hentzen Coatings Inc., IHI Ionbond AG, Mankiewicz Gebr. & Co. (GmbH & Co. KG), PPG Industries Inc., Saint-Gobain S.A., The Sherwin-Williams Company and Zircotec Ltd.

Key Questions Answered in This Report:

How has the global aerospace 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 aerospace 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 product form?

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

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

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 aerospace coatings market and who are the key players?

What is the degree of competition in the industry?

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