

Stealth Coating Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Market Report | 2023-11-24 | 142 pages | IMARC Group

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Report description:

The global stealth coating market size reached US\$ 290.7 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 387.4 Million by 2028, exhibiting a growth rate (CAGR) of 4.90% during 2022-2028.

Stealth coating is used to make vehicles and missiles less visible to radar, infrared (IR), and other detection methods in the defense sector. It has a variety of nano-ultrafine particles with a strong ability to absorb electromagnetic waves of different bands, which can minimize the intensity of reflected signals. It can be applied on tactical unmanned aerial systems (UAS) over the external surface to regions of high radar reflection, including edges. Nowadays, researchers around the world are focusing on developing smart stealth coating, which can change the appearance of an aircraft according to its background.

Stealth Coating Market Trends:

Due to rising geopolitical tensions, security agencies across the globe are focusing on strengthening their defense and military sectors. As a result, they are increasing their expenditure on innovative and advanced technologies, such as stealth coating, for fighter aircraft, bombers, missiles, tanks, and helicopters. Stealth coating is also employed in the automotive sector for providing protection to vehicles against scratches, road debris, and malicious damages. Apart from this, the stealth coating of nanoparticles (NPs) in drug-delivery systems offers molecular weight, surface chain density, and conformations of polymer chains. Consequently, it is widely used on the surface of NPs to improve the blood circulation system. As NPs are emerging as a powerful drug-delivery tool for cancer therapies, which enhances the specificity of drug actions while reducing the systemic side effects, the demand for stealth coating is anticipated to rise in the coming years.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global stealth coating 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 and application.

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Breakup by Resin Type:

Epoxy
Polyurethane
Polyimide

Breakup by Application:

Aerospace and Defense
Automotive
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 CFI Custom Military Solutions, Intermat Group SA, Micromag, MWT Materials Inc., Stealth Coatings, Surrey NanoSystems and Veil Corporation.

Key Questions Answered in This Report

1. What was the size of the global stealth coating market in 2022?
2. What is the expected growth rate of the global stealth coating market during 2023-2028?

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3. What are the key factors driving the global stealth coating market?
4. What has been the impact of COVID-19 on the global stealth coating market?
5. What is the breakup of the global stealth coating market based on the resin type?
6. What is the breakup of the global stealth coating market based on the application?
7. What are the key regions in the global stealth coating market?
8. Who are the key players/companies in the global stealth coating market?

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