

Stealth Coating Market Report and Forecast 2025-2034

Market Report | 2025-08-11 | 179 pages | EMR Inc.

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Report description:

The global stealth coating market stood at a value of around USD 306.72 Million in 2024. The market is further expected to grow in the forecast period of 2025-2034 at a CAGR of 5.40% to reach USD 518.98 Million by 2034.

The Epoxy Resin Segment Based on Nature Holds a Significant Share in the Global Stealth Coating Industry

The epoxy resin segment based on resin type accounts for a significant share in the market owing to the diversified characteristics of the material such as high mechanical strength, easy processing, low shrinkage, high corrosion resistance, and excellent adhesion to various types of fibres.

Epoxy resins remain relatively unaffected by water and heat, making them ideal for automobiles and military vehicle applications. In addition to this, epoxy resins are likely to witness a high demand for military vehicles as they have to face harsh and in-hostile conditions during military drills.

North America Accounts for a Significant Share in the Stealth Coating Industry

The stealth coating industry in North America is driven by the rising defence and research expenditure by the governments owing to the increasing geopolitical tension worldwide. Additionally, the escalated manufacturing of military aircraft, such as Boeing T-7 Red Hawk, F-16, and Northrop Grumman B-21 Raider, among others, in countries such as the United States is likely to boost the demand for stealth coatings. Furthermore, the growing expansion of major stealth technology providers is also expected to aid the market in the forecast period.

Stealth Coating: Market Segmentation

Stealth coating is defined as an outer covering applied to a vehicle in order to protect it from damages, such as scratches, dents, and others. In the military and defence sector, the stealth technology is used to make vehicles nearly invisible to any kind of

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electronic detection, as surface materials and coatings can absorb radar transmissions to reduce reflections to enemy's radar receiver.

Market Breakup by Resin Type

- Epoxy
- Polyurethane
- Polyimide

Market Breakup by Application

- Aerospace and Defence
- Automotive

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Rising Application of Stealth Coating in the Aerospace and Defence Sector to Boost the Growth of the Stealth Coating Industry

The global stealth coating industry is driven by the rising application of surface materials and coatings in the aerospace and defence sector to avoid detection by visible, RADAR, and acoustic means. Stealth coating is used in weapon systems, submarines, ships, ground vehicles, aircraft, and drones, among others. Stealth coating is applied on aircraft to reduce radar cross-section, which makes it difficult for enemies to detect the movement of the aircraft, making the surveillance more effective and less risky. The toughness and chemical resistance offered by the product make it suitable for tank and weapon systems, allowing them to withstand harsh and unfavourable conditions. Furthermore, the increasing defence expenditure by the governments in emerging economies is anticipated to provide impetus to the market in the forecast period.

Key Industry Players in the Global Stealth Coating Market

The report gives a detailed analysis of the following key players in the global stealth coating market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- INTERMAT Group SA
- Hyper Stealth Technologies Pvt. Ltd.
- Veil Corporation
- CFI Solutions
- Micromag
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

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