

Aircraft Flooring Market to Reach \$3.5 Billion By 2030 | Global Industry Size, Trends, Competitor Strategies

Aircraft Flooring Market Size to Worth \$3.5 Billion by 2030 | CAGR: 6.1%: AMR

PORTLAND, OR, UNITED STATES,
December 10, 2024 /

EINPresswire.com/ -- Allied Market Research published a report, titled, "[Aircraft Flooring Market](#) by Product Type (Honeycomb, Composite, Nylon, PVC Galley Mats, Wool and Others), Aircraft Type (Commercial Aircraft, Military Aircraft, Business/Private Jets and Helicopters), and Application (Aisles, Lavatories, Entryways, Galleys and Others) : Global Opportunity Analysis and Industry Forecast, 2024-2030". According to the report, the aircraft flooring market was valued at \$2.3 billion in 2023, and is estimated to reach \$3.5 billion by 2030, growing at a CAGR of 6.1% from 2024 to 2030.



Aircraft Flooring Market

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Aircraft flooring refers to the materials used to cover the floors of aircraft cabins, including passenger areas, cargo holds, and service areas. ”

David Correa

Prime determinants of growth

The global aircraft flooring market is experiencing growth due to compliance with stringent safety standards. However, the high cost of advanced flooring materials and technologies is expected to hamper the market growth. Moreover, integration of smart sensors in flooring is expected to provide lucrative opportunities for the growth of the aircraft flooring market during the forecast period.

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The honeycomb segment is expected to remain the largest type throughout the forecast period

In aircraft flooring, honeycomb panels are often used as core materials sandwiched between facing skins, which can be made of various materials like aluminum, composite materials, or thermoplastics. The combination of the honeycomb core and facing skins creates a strong and rigid structure capable of withstanding the stresses encountered during flight operations. In addition, honeycomb panels offer benefits such as vibration damping and sound insulation, contributing to passenger comfort and overall aircraft performance.

The commercial aircraft segment is expected to lead throughout the forecast period

Aircraft flooring in commercial aircraft plays a crucial role in ensuring passenger comfort, safety, and the overall structural integrity of the aircraft. One of the most commonly used materials for aircraft flooring is aluminum. Aluminum offers a balance of strength, durability, and weight savings, making it ideal for use in aircraft structures, including flooring. Aluminum floor panels are lightweight yet robust, capable of withstanding the demands of daily operations while also providing a smooth and stable surface for passengers and crew.

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The galley segment dominated the aircraft flooring market throughout the forecast period

Materials used for aircraft galley flooring are chosen for their resilience and ease of maintenance. Common options include linoleum, vinyl, or durable composite materials. These materials are chosen for their ability to resist stains, withstand cleaning agents, and maintain their integrity under frequent use. Aircraft galley flooring must also adhere to safety regulations. It needs to be slip-resistant to prevent accidents, especially in a confined space where crew members may be moving quickly during turbulent conditions. Textured surfaces or special coatings are often applied to enhance traction and minimize the risk of slips and falls.

North America to maintain its dominance by 2030.

Aircraft flooring usage in North America is the emphasis on safety and compliance with stringent regulations set by aviation authorities such as the Federal Aviation Administration (FAA) in the U.S. and Transport Canada Civil Aviation (TCCA) in Canada. These regulations dictate the materials, design, and installation processes for aircraft flooring to ensure durability, fire resistance, and weight-bearing capacity.

Aircraft flooring in North America commonly utilizes lightweight yet robust materials such as aluminum, composite panels, and advanced polymers. These materials offer a balance between strength and weight, contributing to fuel efficiency and operational cost savings for airlines.

Aircraft flooring usage in North America also reflects evolving trends in cabin interior design and passenger experience. Airlines are investing in innovative flooring solutions that enhance comfort, noise reduction, and aesthetics while also addressing sustainability concerns. Recyclable materials and eco-friendly manufacturing processes are becoming prevalent in response to growing environmental awareness.

Want to Access the Statistical Data and Graphs, Key Players' Strategies:

<https://www.alliedmarketresearch.com/aircraft-flooring-market/purchase-options>

Players: -

Duracote Corporation

Schneller, Inc

Lonseal Inc

Aerofloor Ltd

Cooper Standard

EURO-COMPOSITES

Luminator Aerospace

Collins Aerospace

The EnCore Group

Comtek Advanced Structures Ltd

The report provides a detailed analysis of these key players in the global aircraft flooring market. These players have adopted different strategies such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

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research and discussion with knowledgeable professionals and analysts in the industry.

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