

# **Global Aerospace Floor Panels Market Size, Share & Trends Analysis, By Raw Material (Nomex Honeycomb, Aluminum Honeycomb, Others), By Application (Commercial Aviation, Military Aircraft, Business Jets), and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Aerospace Floor Panels Market was valued at approximately USD 419.5 million in 2023 and is anticipated to grow with a healthy growth rate of more than 5.2% over the forecast period 2024-2032. Aerospace floor panels are critical components in modern aircraft, offering lightweight and durable solutions that enhance aircraft performance and passenger safety.

One of the primary factors driving the market growth is the increasing global air passenger traffic, leading to a growing demand for new commercial aircraft. Expanding airline fleets and fleet modernization are further contributing to the adoption of advanced aerospace floor panel solutions. Additionally, the rise in military expenditure across major economies is boosting the demand for durable and lightweight floor panels in defense aircraft.

Technological advancements in materials such as Nomex and aluminum honeycomb have revolutionized aerospace floor panel manufacturing. Nomex honeycomb accounted for the largest market share in 2023 due to its fire-resistant properties, superior thermal and acoustic insulation, and chemical resistance. Meanwhile, aluminum honeycomb is expected to grow at the fastest rate due to its lightweight characteristics and fuel efficiency benefits.

North America dominated the market in 2023 with a revenue share of 43.5%, driven by robust defense policies, increasing R&D investments, and advanced manufacturing

capabilities. Asia Pacific is projected to register the fastest growth, supported by the rapid expansion of the aviation sector and increasing investments in aircraft fleet upgrades.

Despite challenges such as high manufacturing costs, the market benefits from the growing emphasis on customization, comfort, and interior aesthetics in aircraft. As airlines prioritize passenger experience, the demand for high-quality, visually appealing, and durable floor panels is expected to grow significantly.

Major market players included in this report are:

1. Collins Aerospace
2. Hexcel Corporation
3. HUTCHINSON
4. Euro-Composites
5. Singapore Technologies Engineering Ltd.
6. AIM Altitude
7. The Gill Corporation
8. The NORDAM Group LLC
9. Triumph Group
10. Aeropair Ltd.

The detailed segments and sub-segments of the market are explained below:

By Raw Material

Nomex Honeycomb

Aluminum Honeycomb

Others

By Application

Commercial Aviation

Military Aircraft

Business Jets

By Region:

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Italy

Spain

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Rest of Asia Pacific

Latin America

Brazil

Argentina

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year: 2022

Base year: 2023

Forecast period: 2024-2032

Key Takeaways:

Market estimates and forecasts for 10 years (2022–2032).

Regional analysis with country-level data for major markets.

Insights into competitive dynamics and company strategies.

Analysis of demand-side and supply-side drivers for market trends.

Actionable recommendations for key market opportunities.

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