

Future of Global Aluminium Flat Rolled Products (FRP) Markets

“Trends and forecast to 2030”

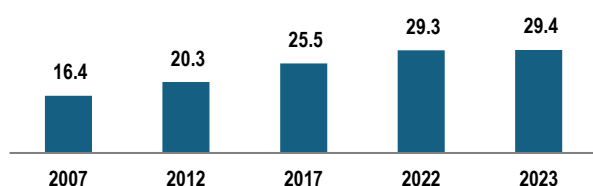
New report from McG! 2024

A must read for all stakeholders in the Aluminium Industry....

- McG announces a new report on the Global Aluminium Flat Rolled Products (FRP) sector
- The report provides an in-depth analysis & review of the global aluminium FRP market, including detailed market mapping, qualitative and quantitative analysis for 2023 and forecast to 2030
- Aluminium FRP markets across 6 regions, 9 product groups and 6 end use sectors are analysed leading to forecasts for 2030; brief analysis of select country markets is included
- Global FRP capacity and production are discussed in detail, in this 200+ page report
- Report includes: brief analysis of the global aluminium foil markets, select technology trends, recycling & sustainability

Global aluminium usage (primary + secondary) has witnessed impressive growth in recent times, rising from **54 million tonnes in 2007 to 97 million tonnes in 2023**. This surge has seen aluminium penetrate diverse metal markets, in particular steel & copper. Additionally, aluminium has paved the way for new markets that demand superior quality and performance, effectively scaling up to meet commercial requirements. **Aluminium FRP usage at 29.4 million tonnes**, now accounts for about 30% of the global aluminium usage. Aluminium FRP is used across a wide range of applications ranging from packaging to aerospace applications.

Global Aluminium FRP demand – historical trend (Mn. Tonnes)



Aluminium beverage can stock and foil stock continue to be the major applications of the aluminium FRP in the packaging sector. Consumer preferences favouring eco-friendly packaging and governmental regulations promoting sustainability, coupled with efforts by end-user companies to achieve recycling and circularity objectives, will fuel demand for aluminium beverage cans. The transportation sector which now represents 16% of the FRP usage offers exciting new opportunities for growth. Aluminium autobody sheet now accounts for 47% of the total FRP usage in the transport sector. Development of new alloys combined with advancements in aluminium rolling technologies is expanding the use across automotive, aerospace, packaging, and construction industries.

Topics covered in this report

Executive summary

I Introduction

II Global aluminium FRP usage by region / country

- Regions covered are as follows:

- North America – USA, Canada
- South America – Mexico, Brazil
- Europe – Germany, Italy, France, UK, Spain, Turkey, Russia, Poland
- China
- Rest of Asia Pacific - India, Japan, South Korea, Thailand, Indonesia
- Middle East & Africa - UAE, KSA, Iran, South Africa

III Global aluminium FRP usage & forecast by product groups

- Regional market and forecast across the following products:

Auto body sheet, Brazing sheet, Building sheet, Can stock, Foil stock, Fin stock, Heat treated sheet, Litho sheet and Plate

IV Global aluminium FRP production and capacity

V Aluminium Foil market

VI Carbon mitigation and regulatory aspects

VII Technology trends

VIII Trade in Aluminium FRP

IX Raw materials analysis (Primary / recycled aluminium)

Appendix

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McG has 3 decades of expertise in researching global aluminium markets and has produced a large number of reports on the aluminium sector (upstream & downstream) focusing on the regional, end-use and product markets