

Pre-painted Aluminum Sheets Market Size, Share & Trends Analysis Report By Thickness (Under 2.5 mm, 2.5 mm - 3.0 mm), By Application (Aluminum Composite Panels, Signages & Boards, Vehicle Parts), By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Pre-painted Aluminum Sheets Market Growth & Trends

The global pre-painted aluminum sheets market size is expected to reach USD 8.9 billion by 2030, registering a CAGR of 8.1% from 2025 to 2030, according to a new report by Grand View Research, Inc. The market is projected to be driven by the growing investments in developing the construction sector, hotels & restaurants, along with rising requirements to support the dead wall and enhancement of building aesthetics.

Rising preference for an improved infrastructure with aluminum composite panels (ACPs), and facades have gained importance in recent years. Pre-painted aluminum sheets are widely used owing to their cost effectiveness, high-quality, mechanical properties, and broad applicability. Moreover, with the growing emphasis on decreasing carbon emissions and increasing anti-corrosion properties, strength, and aesthetics, consumption is set to increase in the coming years.

Based on thickness, the market is segmented into below 2.5 mm, 2.5 to 3.0 mm, and above 3.0 mm segments. The pre-painted aluminum sheets with under 2.5mm thickness have a low share and are used for producing ACPs in the construction and industrial sectors. Aluminum has excellent resistance against weather conditions and can withstand extreme hot and cold conditions, which is driving the segment's growth. The market growth witnesses restrictions due to certain reasons. One of the factors is geopolitical conflicts like the Russia-Ukraine war. The war has impacted aluminum

production and has caused global inflation on account of supply disruptions. This further caused the energy prices to surge. These factors have impacted the construction activities and raw material prices and affected the demand for pre-painted aluminum sheets.

The growth is however expected to be in line in the coming years, which is compelling companies to adopt strategies to expand their presence and capacity. The key players are focusing on R&D to strengthen innovations, technologies, and brand recognition to meet the new demand. For instance, in March 2023, Gulf Aluminium Rolling Mill (GARMCO), announced its plans to invest USD 24.5 million to expand its business into the new aluminum coil line. The company aims to build a technically advanced production line with reduced carbon footprints and increased productivity.

Pre-painted Aluminum Sheets Market Report Highlights

The 2.5 mm - 3.0 mm segment dominated the market with the largest revenue share of 79.1% in 2024, owing to the optimal balance of strength, flexibility, and cost-effectiveness of this category of sheets. The under 2.5 mm thickness segment is projected to grow at the fastest CAGR of 7.5% from 2025 to 2030.

The aluminum composite panels (ACP) segment dominated the market with the largest revenue share of 59.2% due to their versatility, durability, and aesthetic appeal. The facade segment is anticipated to be the fastest-growing segment, with a CAGR of 8.2% over the forecast period.

North America pre-painted aluminum sheets market is anticipated to grow at the fastest CAGR of 6.1% during the forecast period.

Asia Pacific pre-painted aluminum sheets market held the largest share of 51.8% in 2024, owing to fast-paced urbanization, rise in construction activities, and surging demand for lightweight and durable materials.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation & Scope
- 1.2. Market Definition
- 1.3. Information Procurement
 - 1.3.1. Purchased Database
 - 1.3.2. GVR's Internal Database
 - 1.3.3. Secondary Sources & Third-Party Perspectives
 - 1.3.4. Primary Research
- 1.4. Information Analysis
 - 1.4.1. Data Analysis Models
- 1.5. Market Formulation & Data Visualization
- 1.6. Data Validation & Publishing

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Insights
- 2.2. Segmental Outlook
- 2.3. Competitive Outlook

CHAPTER 3. PRE-PAINTED ALUMINUM SHEETS MARKET VARIABLES, TRENDS & SCOPE

- 3.1. Global Pre-Painted Aluminum Sheets Market Outlook
- 3.2. Industry Value Chain Analysis
- 3.3. Technology Overview
- 3.4. Regulatory Framework
 - 3.4.1. Policies and Incentive Plans
 - 3.4.2. Standards and Compliances
 - 3.4.3. Regulatory Impact Analysis
- 3.5. Market Dynamics
 - 3.5.1. Market Driver Analysis
 - 3.5.2. Market Restraint Analysis
 - 3.5.3. Industry Challenges
- 3.6. Porter's Five Forces Analysis
 - 3.6.1. Supplier Power
 - 3.6.2. Buyer Power

- 3.6.3. Substitution Threat
- 3.6.4. Threat from New Entrant
- 3.6.5. Competitive Rivalry
- 3.7. PESTEL Analysis
 - 3.7.1. Political Landscape
 - 3.7.2. Economic Landscape
 - 3.7.3. Social Landscape
 - 3.7.4. Technological Landscape
 - 3.7.5. Environmental Landscape
 - 3.7.6. Legal Landscape

CHAPTER 4. PRE-PAINTED ALUMINUM SHEETS MARKET: THICKNESS OUTLOOK ESTIMATES & FORECASTS

- 4.1. Pre-Painted Aluminum Sheets Market: Thickness Movement Analysis, 2025 & 2030
 - 4.1.1. Under 2.5 mm
 - 4.1.1.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)
 - 4.1.2. 2.5 mm - 3.0 mm
 - 4.1.2.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)
 - 4.1.3. Others
 - 4.1.3.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

CHAPTER 5. PRE-PAINTED ALUMINUM SHEETS MARKET: APPLICATION OUTLOOK ESTIMATES & FORECASTS

- 5.1. Pre-Painted Aluminum Sheets Market: Application Movement Analysis, 2025 & 2030
 - 5.1.1. Aluminum Composite Panels
 - 5.1.1.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)
 - 5.1.2. Signages & Boards
 - 5.1.2.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)
 - 5.1.3. Facades
 - 5.1.3.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)
 - 5.1.4. Vehicle Parts
 - 5.1.4.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)
 - 5.1.5. Others
 - 5.1.5.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

CHAPTER 6. PRE-PAINTED ALUMINUM SHEETS MARKET REGIONAL OUTLOOK

ESTIMATES & FORECASTS

6.1. Regional Snapshot

6.2. Pre-Painted Aluminum Sheets Market: Regional Movement Analysis, 2025 & 2030

6.3. North America

6.3.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.3.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million) (Kilotons)

6.3.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million) (Kilotons)

6.3.4. U.S.

6.3.4.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.3.4.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million) (Kilotons)

6.3.4.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)

6.3.5. Canada

6.3.5.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.3.5.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million) (Kilotons)

6.3.5.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million) (Kilotons)

6.3.6. Mexico

6.3.6.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.3.6.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million) (Kilotons)

6.3.6.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million) (Kilotons)

6.4. Europe

6.4.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.4.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million) (Kilotons)

6.4.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million) (Kilotons)

6.4.4. Germany

6.4.4.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.4.4.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million) (Kilotons)

6.4.4.3. Market Estimates and Forecast, By Application, 2018 - 2032, (USD Million) (Kilotons)

6.4.5. UK

6.4.5.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.4.5.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million)
(Kilotons)

6.4.5.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)
(Kilotons)

6.4.6. France

6.4.6.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.4.6.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million)
(Kilotons)

6.4.6.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)
(Kilotons)

6.4.7. Italy

6.4.7.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.4.7.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million)
(Kilotons)

6.4.7.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)
(Kilotons)

6.4.8. Türkiye

6.4.8.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.4.8.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million)
(Kilotons)

6.4.8.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)
(Kilotons)

6.5. Asia Pacific

6.5.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.5.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million)
(Kilotons)

6.5.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)
(Kilotons)

6.5.4. China

6.5.4.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.5.4.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million)
(Kilotons)

6.5.4.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)
(Kilotons)

6.5.5. India

6.5.5.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.5.5.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million)

(Kilotons)

6.5.5.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)

(Kilotons)

6.5.6. Japan

6.5.6.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.5.6.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million)

(Kilotons)

6.5.6.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)

(Kilotons)

6.5.7. South Korea

6.5.7.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.5.7.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million)

(Kilotons)

6.5.7.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)

(Kilotons)

6.6. Latin America

6.6.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.6.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million)

(Kilotons)

6.6.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)

(Kilotons)

6.6.4. Brazil

6.6.4.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.6.4.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million)

(Kilotons)

6.6.4.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)

(Kilotons)

6.7. Middle East & Africa

6.7.1. Market Estimates and Forecast, 2018 - 2030 (USD Million) (Kilotons)

6.7.2. Market Estimates and Forecast, By Thickness, 2018 - 2030 (USD Million)

(Kilotons)

6.7.3. Market Estimates and Forecast, By Application, 2018 - 2030 (USD Million)

(Kilotons)

CHAPTER 7. COMPETITIVE LANDSCAPE

7.1. Recent Developments & Impact Analysis, By Key Market Participants

7.2. Vendor Landscape

7.2.1. Company Categorization

- 7.2.2. List of Key Distributors and Channel Partners
- 7.2.3. List of Potential Customers/End Users
- 7.3. Competitive Dynamics
 - 7.3.1. Competitive Benchmarking
 - 7.3.2. Strategy Mapping
 - 7.3.3. Heat Map Analysis
- 7.4. Company Profiles/Listing
 - 7.4.1. Alucosuper New Materials Co., Ltd.
 - 7.4.1.1. Participant's Overview
 - 7.4.1.2. Financial Performance
 - 7.4.1.3. Product Benchmarking
 - 7.4.1.4. Strategic Initiatives
 - 7.4.2. Arconic
 - 7.4.2.1. Participant's Overview
 - 7.4.2.2. Financial Performance
 - 7.4.2.3. Product Benchmarking
 - 7.4.2.4. Strategic Initiatives
 - 7.4.3. Cascadia Metals
 - 7.4.3.1. Participant's Overview
 - 7.4.3.2. Financial Performance
 - 7.4.3.3. Product Benchmarking
 - 7.4.3.4. Strategic Initiatives
 - 7.4.4. Ertegan BV
 - 7.4.4.1. Participant's Overview
 - 7.4.4.2. Financial Performance
 - 7.4.4.3. Product Benchmarking
 - 7.4.4.4. Strategic Initiatives
 - 7.4.5. ITALCOAT S.r.l.
 - 7.4.5.1. Participant's Overview
 - 7.4.5.2. Financial Performance
 - 7.4.5.3. Product Benchmarking
 - 7.4.5.4. Strategic Initiatives
 - 7.4.6. Novelis
 - 7.4.6.1. Participant's Overview
 - 7.4.6.2. Financial Performance
 - 7.4.6.3. Product Benchmarking
 - 7.4.6.4. Strategic Initiatives
 - 7.4.7. Richard Austin Alloys
 - 7.4.7.1. Participant's Overview

- 7.4.7.2. Financial Performance
- 7.4.7.3. Product Benchmarking
- 7.4.7.4. Strategic Initiatives
- 7.4.8. Stek Color Aluminium
 - 7.4.8.1. Participant's Overview
 - 7.4.8.2. Financial Performance
 - 7.4.8.3. Product Benchmarking
 - 7.4.8.4. Strategic Initiatives

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