

# **Aluminum Flat Products Market Size, Share & Trends Analysis Report By Product (Plates, Sheets), By Application (Building & Construction, Automotive & Transportation), By Region, And Segment Forecasts, 2020 - 2027**

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## **Abstracts**

### **Aluminum Flat Products Market Growth & Trends**

The global aluminum flat products market size is expected to reach USD 74.9 billion by 2027, expanding at a CAGR of 4.2%, according to a new report by Grand View Research, Inc. Establishment of plants and stringent regulation policies is projected to assist in the growth of the market. In July 2018, BMW announced its plans to invest USD 1.7 billion in a new car factory in Hungary. Establishment of new manufacturing plants is anticipated to increase the demand for aluminum flat products in the automotive sector. In November 2017, Aleris Corp announced its capacity expansion to increase the production of aluminum sheet for the automotive sector in Europe. These initiatives by the major end-use industries and manufacturing companies are likely to propel market growth over the forecast period.

Growing demand for electric vehicles and favorable tax policies by government is another factor driving the market. Considering the environmental pollution, in January 2019, the Federal Ministry of Finance in Germany announced its plan to implement that the consumers using electric vehicles have to pay less tax than the consumers using the combustion engine to promote the sales of electric vehicles. Utilization of lightweight materials enhances the performance of electric vehicles. As electric mobility penetrates the automotive sector of the country, it is likely to generate demand for aluminum flat products over the forecast period.

The use of recycled material by the enduse industries to reduce the production cost and environmental pollution caused during the extraction of bauxite. For instance, in September 2017, Jaguar Land Rover announced to expand the use of recycled aluminum in vehicles. Jaguar Land Rover invested USD 2.3 million to meet the target of using Recycled Aluminum through Innovative Technology (REALITY) from the end of vehicles life and used in new vehicle body structure.

Availability of substitutes is likely to hamper market growth over the forecast period. Carbon fiber and magnesium alloy are major substitutes for aluminum in the automotive sector. Properties of magnesium alloys such as dent-resistance and machinability coupled with its ability to shield electromagnetic radiation and damped vibrations are likely to propel its utilization over the coming years.

Outbreak of COVID-19 in the first quarter of 2020 is projected to put short term negative impact on the market. Most governments around the world have observed lockdown due to highly contagious nature of COVID-19. This has affected temporary closure of non-essential businesses such vehicles and aircraft manufacturing creating impact in the demand of various metals and its alloys.

#### Aluminum Flat Products Market Report Highlights

In terms of volume, building and construction was the largest application segment and accounted for 10,693.5 kilotons of volume in 2019. The growth of the segment is attributed to growing infrastructure investments in emerging countries such as India and Brazil

In terms of revenue, automotive and transportation segment is projected to witness a CAGR of 3.6% over the forecast period. Increasing aluminum content per vehicle is key factor promoting the growth of this application segment

Plates accounted for revenue share of 42.0% in 2019. The growth of the segment is attributed to increasing demand in shipbuilding and consumer durables industry

Asia Pacific is projected to remain largest regional market over the coming years on account of growing demand from automotive and construction sector.

## 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. Marketsnapshot
- 2.2. Segmental outlook

### CHAPTER 3. ALUMINUM FLAT PRODUCTS MARKET VARIABLES, TRENDS & SCOPE

- 3.1. Market outlook - Global magnesiumindustry outlook
- 3.2. Penetration & growth prospect mapping
- 3.3. Industry value chain analysis
  - 3.3.1. Raw material trends
  - 3.3.2. Manufacturing & technology trends
  - 3.3.3. Sales channel analysis
- 3.4. Regularity framework
- 3.5. Market Dynamics
  - 3.5.1. Market driver analysis
    - 3.5.1.1. Growing demand in automotive sector
  - 3.5.2. Market restraint analysis
    - 3.5.2.1. Volatility in raw material prices
  - 3.5.3. Industry challenges
- 3.6. Business environment analysis: Aluminum flat products market
  - 3.6.1. Industry analysis - Porter's

### 3.6.2. PESTEL analysis

## **CHAPTER 4. ALUMINUM FLAT PRODUCTS MARKET: PRODUCT ESTIMATES & TREND ANALYSIS**

### 4.1. Definition & scope

### 4.2. Product movement analysis & market share, 2019 & 2027

### 4.3. Market size & forecasts and trend analysis, 2016 to 2027

#### 4.3.1. Plates

##### 4.3.1.1. Market estimates & forecasts, 2016 - 2027 (Kilotons, USD Million)

#### 4.3.2. Sheets

##### 4.3.2.1. Market estimates & forecasts, 2016 - 2027 (Kilotons, USD Million)

## **CHAPTER 5. ALUMINUM FLAT PRODUCTS MARKET: APPLICATION ESTIMATES & TREND ANALYSIS**

### 5.1. Definition & scope

### 5.2. Application movement analysis & market share, 2019 & 2027

### 5.3. Market size & forecasts and trend analysis, 2016 to 2027

#### 5.3.1. Building & construction

##### 5.3.1.1. Market estimates & forecasts, 2016 - 2027 (Kilotons, USD Million)

#### 5.3.2. Automotive & transportation

##### 5.3.2.1. Market estimates & forecasts, 2016 - 2027 (Kilotons, USD Million)

#### 5.3.3. Consumer goods

##### 5.3.3.1. Market estimates & forecasts, 2016 - 2027 (Kilotons, USD Million)

#### 5.3.4. Electrical & energy

##### 5.3.4.1. Market estimates & forecasts, 2016 - 2027 (Kilotons, USD Million)

#### 5.3.5. Others

##### 5.3.5.1. Market estimates & forecasts, 2016 - 2027 (Kilotons, USD Million)

## **CHAPTER 6. ALUMINUM FLAT PRODUCTS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS**

### 6.1. Regional market snapshot

### 6.2. North America

#### 6.2.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

#### 6.2.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

#### 6.2.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

#### 6.2.4. U.S.

6.2.4.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

6.2.4.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

6.2.4.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

#### 6.3. Europe

6.3.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

6.3.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

6.3.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

##### 6.3.4. Germany

6.3.4.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

6.3.4.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

6.3.4.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

##### 6.3.5. France

6.3.5.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

6.3.5.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

6.3.5.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

##### 6.3.6. U.K.

6.3.6.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

6.3.6.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

6.3.6.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

#### 6.4. Asia Pacific

6.4.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

6.4.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

6.4.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

##### 6.4.4. China

6.4.4.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

6.4.4.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

6.4.4.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Million)

6.4.5. India

6.4.5.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

6.4.5.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

6.4.5.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

6.4.6. Japan

6.4.6.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

6.4.6.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

6.4.6.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

6.5. Central & South America

6.5.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

6.5.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

6.5.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

6.5.4. Brazil.

6.5.4.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

6.5.4.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

6.5.4.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

6.6. Middle East & Africa

6.6.1. Market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

6.6.2. Market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

6.6.3. Market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

## **CHAPTER 7. ALUMINUM FLAT PRODUCTS MARKET - COMPETITIVE ANALYSIS**

7.1. Key global players & recent developments & their impact on the industry

7.2. Vendor landscape

7.2.1. List of key suppliers

7.2.2. List of key end users

7.3. SWOT analysis (for top 3 public companies)

## **CHAPTER 8. COMPANY PROFILES**

## 8.1. Novelis

- 8.1.1. Company overview
- 8.1.2. Financial performance
- 8.1.3. Product benchmarking
- 8.1.4. Strategic initiatives

## 8.2. Hindalco

- 8.2.1. Company overview
- 8.2.2. Financial performance
- 8.2.3. Product benchmarking
- 8.2.4. Strategic initiatives

## 8.3. Arconic

- 8.3.1. Company overview
- 8.3.2. Financial performance
- 8.3.3. Product benchmarking
- 8.3.4. Strategic initiatives

## 8.4. Aleris Corporation

- 8.4.1. Company overview
- 8.4.2. Financial performance
- 8.4.3. Product benchmarking
- 8.4.4. Strategic initiatives

## 8.5. UAJC Corporation

- 8.5.1. Company overview
- 8.5.2. Financial performance
- 8.5.3. Product benchmarking
- 8.5.4. Strategic initiatives

## 8.6. Norsk Hydro

- 8.6.1. Company overview
- 8.6.2. Financial performance
- 8.6.3. Product benchmarking
- 8.6.4. Strategic initiatives

## 8.7. Kaiser Aluminum

- 8.7.1. Company overview
- 8.7.2. Financial performance
- 8.7.3. Product benchmarking
- 8.7.4. Strategic initiatives

## 8.8. Granges Innovative Aluminum Engineering

- 8.8.1. Company overview
- 8.8.2. Financial performance

8.8.3. Product benchmarking

8.8.4. Strategic initiatives

8.9. Constellium

8.9.1. Company overview

8.9.2. Financial performance

8.9.3. Product benchmarking

8.9.4. Strategic initiatives

8.10. RUSAL

8.10.1. Company overview

8.10.2. Financial performance

8.10.3. Product benchmarking

8.10.4. Strategic initiatives



## List Of Tables

### LIST OF TABLES

Table 1. Aluminum plates market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 2. Aluminum sheets market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 3. Aluminum flat products market estimates and forecasts, in building & construction, 2016 - 2027 (Kilotons, USD Million)

Table 4. Aluminum flat products market estimates and forecasts, in automotive & transportation, 2016 - 2027 (Kilotons, USD Million)

Table 5. Aluminum flat products market estimates and forecasts, in consumer goods, 2016 - 2027 (Kilotons, USD Million)

Table 6. Aluminum flat products market estimates and forecasts, in electrical & energy, 2016 - 2027 (Kilotons, USD Million)

Table 7. Aluminum flat products market estimates and forecasts, in other applications, 2016 - 2027 (Kilotons, USD Million)

Table 8. North America aluminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 9. North America aluminum flat products market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

Table 10. North America aluminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Table 11. U.S. aluminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 12. U.S. aluminum flat products market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

Table 13. U.S. aluminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Table 14. Europe aluminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 15. Europe aluminum flat products market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

Table 16. Europe aluminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Table 17. Germany aluminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 18. Germany aluminum flat products market estimates and forecasts, by product,

2016 - 2027 (Kilotons, USD Million)

Table 19. Germany aluminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Table 20. Francealuminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 21. Francealuminum flat products market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

Table 22. Francealuminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Table 23. U.K.aluminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 24. U.K.aluminum flat products market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

Table 25. U.K.aluminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Table 26. Asia Pacific aluminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 27. Asia Pacific aluminum flat products market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

Table 28. Asia Pacific aluminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Table 29. China aluminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 30. China aluminum flat products market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

Table 31. China aluminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Table 32. India aluminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 33. India aluminum flat products market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

Table 34. India aluminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Table 35. Japanaluminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 36. Japanaluminum flat products market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

Table 37. Japanaluminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Table 38. Central & South America aluminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 39. Central & South America aluminum flat products market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

Table 40. Central & South America aluminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Table 41. Brazil aluminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 42. Brazil aluminum flat products market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

Table 43. Brazil aluminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

Table 44. Middle East & Africa aluminum flat products market estimates and forecasts, 2016 - 2027 (Kilotons, USD Million)

Table 45. Middle East & Africa aluminum flat products market estimates and forecasts, by product, 2016 - 2027 (Kilotons, USD Million)

Table 46. Middle East & Africa aluminum flat products market estimates and forecasts, by application, 2016 - 2027 (Kilotons, USD Million)

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Aluminum flat products market segmentation
- Fig. 2 Information procurement
- Fig. 3 Data analysis models
- Fig. 4 Market formulation and validation
- Fig. 5 Data validating & publishing
- Fig. 6 Segmental outlook
- Fig. 7 Market outlook
- Fig. 8 Penetration & growth prospect mapping
- Fig. 9 Value chain analysis
- Fig. 10 Market driver analysis
- Fig. 11 Market restraint analysis
- Fig. 12 Porter's analysis
- Fig. 13 PESTEL analysis
- Fig. 14 Aluminum flat products market: Productmovement analysis, 2019 & 2027
- Fig. 15 Aluminum flat products market: Application movement analysis, 2019 & 2027
- Fig. 16 Regional snapshot
- Fig. 17 Aluminum flat products market: Regional movement analysis, 2019 & 2027
- Fig. 18 SWOT analysis

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