

# CRU Prices

## Aluminium Products

Methodology and

Definitions Guide

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# Methodology and Definitions Guide – Aluminium Products

## 1 Scope

This guide covers aluminium products prices in all geographical markets and should be read in conjunction with the *CRU Group Compliance Framework and Methodology Guide*. It details commodity-specific methodology which have precedence, with all other aspects covered by the Group methodology guide.

## 2 Methodology

CRU collects semi-fabricated product conversion fees, semi-fabricated prices and scrap prices, as part of its assessment of broader market conditions that are published in the Aluminium Products Monitor. These prices and fees are gathered from regular discussions with a wide network of market participants. This network is frequently reviewed to ensure a balance of buyers and sellers, and to reflect actual activity in the market. CRU also conducts consultations with the market about its methodology – all answers are treated as confidential.

### Frequency

All semi-fabricated product conversion fees and semi-fabricated prices and scrap prices are provided once a month. The assessment day is the day of publication which is the first Thursday of every month. Aluminium semi-fabricated product conversion fees and semi-fabricated prices and scrap prices are collated during the week prior to the day of publication.

### Assessment Method

Analysts use telephone and email services to collect conversion fees, semi-fabricated prices and scrap prices to verify the information received.

We endeavour to record actual transactions but we also include bids and offers. More weighting is given to transactions when assessing a price from a range of possible levels. Data is gathered through consultation with producers, consumers and traders. Published conversion fees and prices reflect the average of the deals concluded within the time frame under consideration. Outliers are excluded from the assessment.

If a market has been quiet with no deals concluded, conversion fees and prices are rolled over. However, if the overall market trend is strongly upward or downward but there were no transactions concluded, bids and offers will be used to form the assessment.

### Deactivated premiums, fees and prices

A semi-fabricated conversion fee or price, and scrap price will remain active as long as it can be demonstrated that there are a sufficient number of buyers and sellers and/or traders which allow for the analyst to make an accurate assessment. If the quotation suffers from limited transparency or if business dynamics change, it will be deactivated. Its history will still be available to clients for a fee, should they require it, but no further information will be collected for that product from the time it is deactivated.

### Sizes

Transaction sizes vary by commodity type—details are listed separately.

### Timing

Spot assessments typically reflect transactions for a product to be supplied within 30 days. Semis prices refer to lead time quoted.

### 3 Definitions

#### Europe Rolled products

##### Material: 1050 sheet, 3xxx sheet, 5xxx sheet

Price basis:	Ex-mill conversion fees applicable for orders of 5 tonnes or more
Credit/Payment terms:	Prices are for orders placed on the date indicated
Type:	Spot
Currency:	Euros
Weight Unit:	Metric tonne
Size:	0.8-1.0mm X 1.25-1.5m X 2m
Delivery:	Within specified lead time
Pricing:	Prices typically reflect spot sales to distributors made by major Western European producers, rather than contract sales.

##### Material: 3104 can body stock

Price basis:	Ex-mill prices applicable for orders of 5 tonnes or more
Credit/Payment terms:	Prices are for orders placed on the date indicated
Type:	Spot
Currency:	Euros
Weight Unit:	Metric tonne
Size:	0.27mm, 1650-1900mm
Delivery:	Within specified lead time
Pricing:	Prices typically reflect sales to major customers made by major Western European producers.

##### Material: 5182 can end stock, CSD coating

Price basis:	Ex-mill prices applicable for orders of 5 tonnes or more
Credit/Payment terms:	Prices are for orders placed on the date indicated
Type:	Spot
Currency:	Euros
Weight Unit:	Metric tonne
Size:	0.218-0.22mm, 1450-1500mm
Delivery:	Within specified lead time
Pricing:	Prices typically reflect sales to major customers made by major Western European producers.

##### Material: 5083, 6062, 7075, 2017 alloy plate in Germany

Price basis:	Ex-mill prices applicable for orders of 5 tonnes or more
Credit/Payment terms:	Prices are for orders placed on the date indicated
Type:	Spot
Currency:	Euros
Weight Unit:	Metric tonne
Size:	10mm gauge
Delivery:	Within specified lead time
Pricing:	Prices typically reflect spot sales to distributors made by major Western European producers, rather than contract sales

##### Material: 5083, 6062 plate in UK

Price basis:	Ex-mill prices applicable for orders of 5 tonnes or more
Credit/Payment terms:	Prices are for orders placed on the date indicated
Type:	Spot
Currency:	Euros
Weight Unit:	Metric tonne
Size:	10mm gauge
Delivery:	Within specified lead time
Pricing:	Prices typically reflect spot sales to distributors made by major Western European producers, rather than contract sales

**Material: Household and converter foil**

Price basis:	Ex-mill conversion fees
Credit/Payment terms:	Prices are for orders placed on the date indicated
Type:	Spot
Currency:	Euro
Weight Unit:	Metric
Size:	Household foil gauge: 2-13 mm, Converter foil: 6-7 mm. Width: 1270mm+.
Delivery:	Within specified lead time
Pricing:	Prices typically reflect sales to major consumers made by major US producers

**USA Rolled Products**
**Material: 3003 and 5052 alloy coil**

Price basis:	Ex-mill conversion fees applicable for orders over 40,000 lbs on offer from domestic producers
Credit/Payment terms:	Transactions consider 30 day payment terms as standard
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Size:	0.032-0.160 inch (0.81mm-4.06mm)
Delivery:	Within specified lead time
Pricing:	All prices refer to purchases of material on non-fixed priced contract or spot basis as of the month of delivery

**Material: 3105 alloy coil**

Price basis:	Ex-mill conversion fees applicable for orders over 40,000 lbs on offer from domestic producers
Credit/Payment terms:	Transactions consider 30 day payment terms as standard
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Size:	0.010-0.031 inch (0.25mm-0.79mm)
Delivery:	Within specified lead time
Pricing:	All prices refer to purchases of material on non-fixed priced contract or spot basis as of the month of delivery

**Material: 3104 can body stock**

Price basis:	Conversion fees applicable for orders in excess of 200,000 lbs, quoted on a delivered basis.
Credit/Payment terms:	Transactions consider 30 day payment terms as standard
Type:	Contract
Currency:	US dollar
Weight Unit:	Pounds
Size:	0.0104 inch gauge, 12-out (nominal 60"width).
Delivery:	Within specified lead time
Pricing:	Prices typically reflect sales to can makers made by major US producers

**Material: 5182 can end stock**

Price basis:	Conversion fees applicable for orders in excess of 200,000 lbs, quoted on a delivered basis.
Credit/Payment terms:	Transactions consider 30 day payment terms as standard
Type:	Contract
Currency:	US dollar
Weight Unit:	Pounds
Size:	0.0082 inch gauge, CSD coating.
Delivery:	Within specified lead time
Pricing:	Prices typically reflect sales to can makers made by major US producers

**Material: 6061T coil, 6061T plate**

Price basis:	Ex-mill conversion fees applicable for orders over 40,000 lbs on offer from domestic producers
Credit/Payment terms:	Transactions consider 30 day payment terms as standard
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Size:	Coil: 0.032-0.160 inch (0.81mm-4.06mm); Plate: 1.0 inch
Delivery:	Within specified lead time
Pricing:	All prices refer to purchases of material on non-fixed priced contract or spot basis as of the month of delivery

**Material: Household and converter foil (Discontinued)**

Price basis:	Ex-mill conversion fees applicable for orders over 40,000 lbs on offer from domestic producers
Credit/Payment terms:	Transactions consider 30 day payment terms as standard
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Size:	Household foil gauge: 0.000472-0.005000 inch (0.012-0.127 mm); Converter foil: 0.000235-0.000400 inches (0.006-0.010 mm)
Delivery:	Within specified lead time
Pricing:	Prices typically reflect sales to major consumers made by major US producers

**US Aluminium Scrap Prices:**
**Material: Segregated 3003 alloy**

Definition:	Aluminium scrap consisting of a specific alloy as designated by the Aluminum Association Specifications (3003)
Price basis:	Delivered
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

**Material: Mixed Low Copper Clips**

Definition:	Clean uncoated and unpainted low copper alloy aluminium.
Price basis:	Delivered
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

**Material: Painted Siding**

Definition:	Clean low copper aluminium siding scrap, painted one side or both
Price basis:	Delivered
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

**Material: 6063 Dealer / 10% Paint Maximum**

Definition:	Aluminium scrap consisting of 6063 extrusions with a maximum allowable content of 10% 6061 alloy, and 10% paint
Price basis:	Delivered
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

**Material: Litho/Light Ink**

Definition:	Clean aluminium lithographic sheets, consists of 1000 and /or 3000 series aluminium alloy
Price basis:	Delivered
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

**Material: 3105 Remelt Scrap Ingot (RSI)**

Definition:	Scrap aluminium that has been melted and poured into sow or ingot meeting the alloys specifications for 3105 alloy
Price basis:	Delivered
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

**Material: 1100 Finstock**

Definition:	Scrap aluminium meeting the specification for 1100 alloy. Usually light gauge material.
Price basis:	Delivered
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

**Material: Class I Can Plant Scrap**

Definition:	Bare undecorated aluminium can body stock (3xxx)
Price basis:	Ex-merchant
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

**Material: Class II Can Plant Scrap**

Definition:	Bare undecorated aluminium can lid stock (5xxx)
Price basis:	Ex-merchant
Credit/Payment terms:	Prompt
Type:	Spot

Currency: US dollar  
 Weight Unit: Pounds  
 Delivery: Within specified lead time  
 Pricing: \$/lb

**Material: Class III Can Plant Scrap**

Definition: Decorated aluminium can body stock (3xxx)  
 Price basis: Ex-merchant  
 Credit/Payment terms: Prompt  
 Type: Spot  
 Currency: US dollar  
 Weight Unit: Pounds  
 Delivery: Within specified lead time  
 Pricing: \$/lb

**Material: Used Beverage Container (UBC)**

Definition: Scrap aluminium used beverage containers  
 Price basis: Ex-merchant  
 Credit/Payment terms: Prompt  
 Type: Spot  
 Currency: US dollar  
 Weight Unit: Pounds  
 Delivery: Within specified lead time  
 Pricing: \$/lb

**Material: Old Sheet / Cast**

Definition: Mixed alloy aluminium scrap consisting of sheets and casting (may be bare or painted).  
 Generally sold as containing 5% iron and non-metallics  
 Price basis: Delivered  
 Credit/Payment terms: Prompt  
 Type: Spot  
 Currency: US dollar  
 Weight Unit: Pounds  
 Delivery: Within specified lead time  
 Pricing: \$/lb

**Material: High Grade Turnings**

Definition: Scrap that is produced after rotating metal on a lathe.  
 Price basis: Delivered  
 Credit/Payment terms: Prompt  
 Type: Spot  
 Currency: US dollar  
 Weight Unit: Pounds  
 Delivery: Within specified lead time  
 Pricing: \$/lb

**Material: Twitch**

Definition: Shredded aluminium scrap of mixed alloys that has been mechanically separated.  
 Generally, the aluminium content of a shredded car.  
 Price basis: Delivered  
 Credit/Payment terms: Prompt  
 Type: Spot  
 Currency: US dollar  
 Weight Unit: Pounds  
 Delivery: Within specified lead time  
 Pricing: \$/lb



**Material: 6063 Press Scrap**

Definition:	New production 6063 alloy aluminium extrusion scrap, free of iron and other contamination
Price basis:	Delivered
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

**Material: E.C. Chops**

Definition:	Chopped un-alloyed aluminium wire
Price basis:	Delivered
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

## US Secondary Aluminium Alloy Prices:

**Material: A380**

Definition:	Aluminium alloy in sow or ingot form that conforms to Aluminum Association Standards for 380 alloy
Price basis:	Delivered
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

**Material: A319**

Definition:	Aluminium alloy in sow or ingot form that conforms to Aluminum Association Standards for 319 alloy
Price basis:	Delivered
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

**Material: A356**

Definition:	Aluminium alloy in sow or ingot form that conforms to Aluminum Association Standards for 356 alloy
Price basis:	Delivered
Credit/Payment terms:	Prompt
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Delivery:	Within specified lead time
Pricing:	\$/lb

## Europe Extruded Products

Extruded product prices (conversion fees over ingot or direct full price quote)

**Material: 6063 standard extrusions and architectural sections (DISCONTINUED). In UK alloy 6063 is replaced with 6082**

Price basis:	Ex-mill conversion fees applicable for orders of 500kg as part of a 10t deal to stockists
Credit/Payment terms:	Prices are for orders placed on the date indicated
Type:	Spot
Currency:	Euro/kg, UK£/t
Weight Unit:	Metric
Size:	Solid sections
Delivery:	Within specified lead time
Pricing:	Prices typically reflect spot sales to distributors made by major European producers, rather than contract sales, or sales by importers.

## USA Extruded Products

Extruded product prices (conversion fees over ingot or direct full price quote)

**Material: 6063 standard extrusions, truck trailer sections**

Price basis:	Ex-mill conversion fees applicable for orders of 10,000-15,000 lbs on offer in the Midwest
Credit/Payment terms:	Prices are for orders placed on the date indicated
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Size:	Solid sections
Delivery:	Within specified lead time
Pricing:	Prices typically reflect spot sales to distributors made by major US producers, rather than contract sales, or sales by importers.

**Material: US 6xxx extruded rod/bar conversion fee**

Price basis:	Ex-mill conversion fees applicable for orders of 10,000-15,000 lbs on offer in the Midwest
Credit/Payment terms:	Prices are for orders placed on the date indicated
Type:	Spot
Currency:	US dollar
Weight Unit:	Pounds
Size:	Standard aluminium rod and bar stock sold through distribution
Delivery:	Within specified lead time
Pricing:	Prices typically reflect spot sales to distributors made by major US producers rather than contract sales or sales by imports.

## Japan Rolled products

**Material: 1050 sheet, 5052 sheet, 5052 plate**

Price basis:	Ex-mill prices
Credit/Payment terms:	Prices are for orders placed on the date indicated
Type:	Prices are for Tokyo area and are for orders placed in month indicated.
Currency:	Yen
Weight:	Metric (KG)
Size:	1050 sheet,1x1000x2000mm; 5052 sheet,1x1000x2000mm; 5052 plate 6mm+
Delivery:	NA
Pricing:	NA

## Japan Extrusions:

**Material: 6063 shapes, 5056 bar**

Price basis:	Ex-mill prices
Credit/Payment terms:	Prices are for orders placed on the date indicated
Type:	Prices are for Tokyo area and are for orders placed in month indicated.
Currency:	Yen
Weight:	Metric (KG)
Size:	6063 shapes 2x20x40mm 5056 bar 50mm diameter

Delivery: NA  
Pricing: NA

### China Rolled products prices

**Material: 1050 sheet, 1100 sheet, 3003 sheet, 5052 sheet, 5754 sheet**

Price basis: Ex-mill prices  
Credit/Payment terms: NA  
Type: Prices are for China area  
Currency: RMB  
Weight: Metric tonne  
Size: 1050 sheet, 1x1000x2000mm, 5xxx sheet, 3xxx sheet 1x1000x2000mm, 1x1220 x2440mm  
Delivery: NA  
Pricing: NA

### China Extrusions:

**Material: 6061, 6063**

Price basis: Ex-mill prices  
Credit/Payment terms: NA  
Type: Prices are for Changjiang and Nanhai areas in China  
Currency: RMB  
Weight: Metric tonne  
Size: Solid sections  
Delivery: NA  
Pricing: NA

## Glossary of abbreviations

### INCO TERM RULES FOR ANY MODE OR MODES OF TRANSPORT:

EXW – Ex-Works  
FCA – Free Carrier  
CPT – Carriage Paid To  
CIP – Carriage and Insurance Paid To  
DAT – Delivered at Terminal  
DAP – Delivered at Place  
DDP – Delivered Duty Paid

### INCO TERM RULES FOR SEA AND INLAND WATERWAY TRANSPORT:

FAS – Free Alongside Ship  
FOB – Free On Board  
CFR – Cost and Freight  
CIF – Cost Insurance and Freight

### COUNTRY ABBREVIATIONS USED:

We use ISO 3166 alpha-2 standard country codes