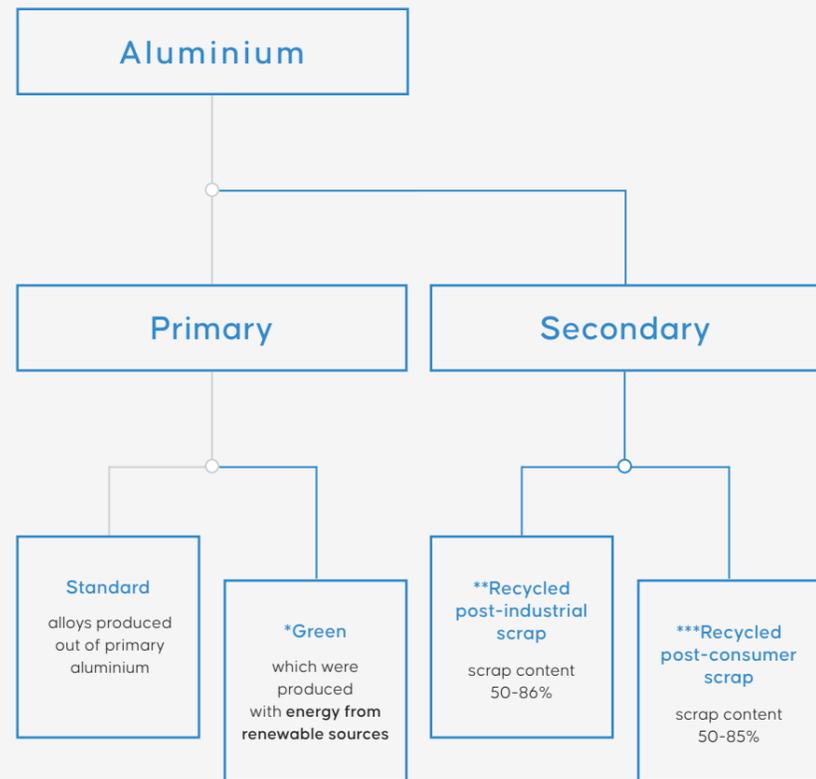


Alloys

# What can be found in aluminium from Final?



\* Alloys with **low carbon footprint**. Green energy such as wind, sun, water is used for production of such billets and that allows to reduce CO2 to the value 4,0 kg CO2 per 1 kg of aluminium (that is lower than one quarter of global average).

\*\* Alloys produced with combination of post-industrial scrap, post-consumer scrap and primary aluminium. Scrap content **50-86%**.

\*\*\* Alloys produced out of post-consumer scrap. Scrap content **50-85%**.

final.pl



We Finalize your ideas

ul. Koksownicza 9  
42-523 Dąbrowa Górnicza  
NIP 573-22-87-848

T: +48 32 299 00 00  
M: final@final.pl

final.pl

Final S.A. 2023



# FINAL Goes Green

final.pl

Modern aluminium profiles extrusion plant



Company

## FINAL S.A. Modern aluminium profiles extrusion plant from southern Poland.

The company is based in the Katowice Special Economic Zone, in Sosnowiec-Dąbrowa Górnicza subzone.

At Final we specialise in the production and machining of extruded profiles in the highest quality aluminium alloys.

Final's products are ideal for the **construction, engineering and transport industries**. Today, aluminium is used in modern architectural solutions. This makes it a natural choice for interior design.

final.pl

Yawal Group's 2030 target: reduce greenhouse gas emissions intensity by 30% from the base year for Scope 1 and 2 emissions.

## Four types of aluminium billets.

### EcoLum (Alcoa)



- 4.0 kg CO<sub>2</sub> per 1 kg of produced aluminium
- Production with energy from renewable sources (sun, water, wind)
- Certified
- Upcharged

### FuturaI55 & 85 (Pandolfo)



- Contains 50% / 85% of post-consumer scrap
- 1.24 kg CO<sub>2</sub> per 1 kg of produced aluminium\*
- 1.55 kg CO<sub>2</sub> per 1 kg of produced aluminium\*\*
- Alloys (6060/6063)
- Reducing the production energy up to 95%
- Certified
- Upcharged

\* Value for FuturaI billets with scrap content 85%, acc. to cut-off method  
 \*\* Value for FuturaI billets with scrap content 50%, acc. to cut-off method

### Reduxa (Hydro)



- Production in Norway with energy from renewable sources (sun, water, wind)
- 4.0 kg CO<sub>2</sub> per 1 kg of produced aluminium
- Certified
- Upcharged

### EcoDura (Alcoa)



- Contains 50% of scrap
- Alloys (6060/6063)
- Reducing the production energy up to 95%
- Upcharged

## Sources of recycled aluminium.



### 01 Post-industrial scrap.

Even the most technology advanced equipment generates scrap during production process. That leads to process scrap producing. In Final we call it postindustrial scrap. The whole scrap is gathered and categorize, and then it is recycled at our billet's supplier facility. Each day we work on optimizing our production process in order to lower the amount of creating such scrap.

### 02 Post-consumer scrap.

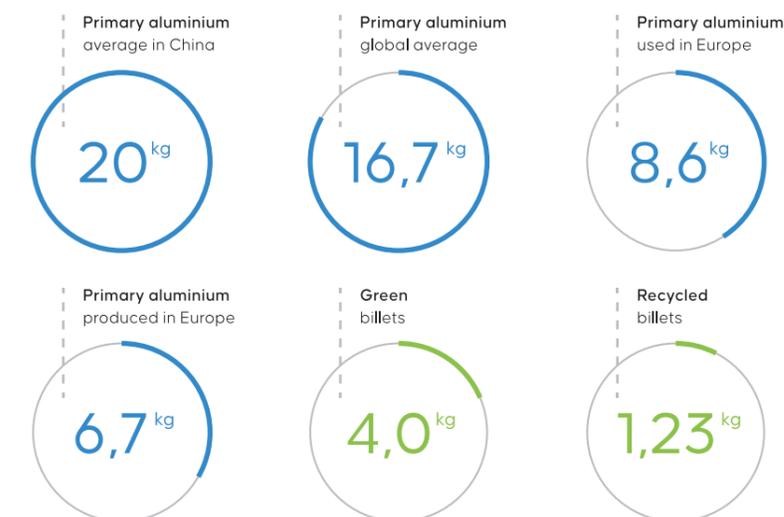
In case your cane, bike, car are produced out of recycled material they get a „new life“, and the carbon footprint after such production is close to zero. It is the most environmentally friendly aluminium we can get. When aluminium products lifes are finished, they need to be collected, categorize and then recycle. This scrap is called postconsumer scrap.

## Right billet, and CO<sub>2</sub> emission.

Choosing the right type of billets is a key. Nowadays more and more companies focus on sustainability, and the way their products are produced. They want to influence the environment as less as possible.

Reducing the emission of CO<sub>2</sub> is extremely important factor therefore choosing the right supplier is the first step to business social responsibility. Considering the above-mentioned Final S.A. has decided to implement

two new type of billets: green billets which were produced with energy from renewable sources such as wind, water or sun, and recycled billets with reduced amount of CO<sub>2</sub> (produced out of secondary aluminium).



CO<sub>2</sub> emission (kg CO<sub>2</sub> / kg aluminium) →

Source: European Aluminium: Aluminium, the best metal for the green transition, accessed 14.09.2023; <https://european-aluminium.eu/projets/a-low-carbon-footprint/>