



BLUE

By BOAL Extrusion

LOW CARBON ALUMINIUM
RECYCLED CONTENT ALUMINIUM

**OUR MORE SUSTAINABLE
SOLUTIONS FOR ALUMINIUM
PROFILES**



BOAL BLUE is proof of the infinite recyclability of aluminium and represents our unwavering commitment to environmental stewardship, technological advancement, and takes one further step towards the fulfilment of its Environmental, Social, and Governance (ESG) mission.





A SUSTAINABLE LIFECYCLE

RECYCLED ALUMINIUM SAVES ENERGY

From very early in its industrial lifetime aluminium has been successfully recycled. Today, more than one third of industrially applied aluminium is manufactured using recycled product. Utilising recycled aluminium saves energy used to produce primary material.

“Aluminium from its origin in the earth to its myriad uses, and through the process of recycling, the journey of aluminium is a cycle of creation and reuse. It's a story of transforming natural clay into a valuable metal, highlighting the endless possibilities of recycling and sustainability.”

Kjell Nilsen
Manager R&D BOAL Extrusion

DECREASING CO2E EMISSIONS

The typical carbon footprint from smelting and casting processes in Europe is estimated at 7.7kg of CO2e per kg of aluminium, a figure which rises to an average of 15.1kg per kg outside of Europe, indicating a significant global variance. There exists a tangible opportunity for the industry to slash its carbon emissions to **4kg per kg of aluminium or less** by adopting alternative sources of energy. Further reductions in CO2e emissions can be achieved through the integration of recycled aluminium, setting the stage for the industry to potentially reach net-zero emissions within two decades.

This target is within reach, considering aluminium's capacity for infinite recycling without degrading its quality, alongside the fact that recycling aluminium requires merely less of the energy needed for its primary production.

PROOF OF ENDLESS RECYCLABILITY

Central to BOAL's sustainability strategy is the offering of more sustainable solutions for aluminium profiles, including Low Carbon Aluminium and Recycled Content Aluminium.

BOAL BLUE LOW CARBON ALUMINIUM 4KG CO₂e PER KG ALUMINIUM

Aligned with our commitment to sustainability, we are proud to introduce our range of aluminium profiles utilising Low Carbon Aluminium. Characterised by a CO₂e emission of **4kg per kilogram of aluminium or less**, the emission intensity is well below industry standards. By setting such a stringent limit on carbon emissions, we affirm our dedication to adhering to Environmental, Social, and Governance (ESG) values. This initiative fosters our move towards an ecologically responsible and sustainable future, offering you the opportunity to join us on this journey.



BOAL BLUE RECYCLED CONTENT ALUMINIUM AT LEAST 65% RECYCLED CONTENT

Aluminium reaffirms its role as a pivotal material in sustainability. Its endless recyclability, preserved quality and increasingly energy efficient production methods, underscore aluminium's significant contribution to advancing a more circular economy. With BOAL BLUE Recycled Content Aluminium, we use a minimum of 65% sourced recycled aluminium in the production. Utilising recycled aluminium saves energy required to produce primary material, making it a cornerstone of sustainable manufacturing practices.

DEDICATED TO OUR ESG MISSION

Opting for BOAL BLUE means choosing the planet, sustainability, and a future where companies like ours are at the forefront of the battle against climate change. Our offering emphasises a commitment to continuous improvement, environmental protection, and the pursuit of excellence in every aspect of our ESG efforts.

REDUCING THE ENVIRONMENTAL IMPACT

INVESTING IN SUSTAINABILITY TOGETHER

With BOAL BLUE you can meet the ever-growing demand for sustainable aluminium solutions. By choosing BOAL BLUE, you not only contribute to **reducing the environmental impact** associated with the production of aluminium but also make a substantial contribution to **lowering your own carbon footprint**. This perfectly aligns with market demands and all emerging regulations around sustainability.

BOAL BLUE is made possible through the careful selection of our suppliers. We collaborate exclusively with renowned aluminium billet suppliers who place a high value on sustainability. Like us, these partners actively invest in Environmental, Social, and Governance (ESG) initiatives to ensure that their production processes are not only economically viable but also ecologically responsible and socially accountable.

LOWER YOUR **CARBON FOOTPRINT**

CONTRIBUTE TO **ENVIRONMENTAL RESPONSIBILITY**

MEET **CUSTOMER DEMANDS**

MAKE CREDIBLE **SUSTAINABLE CLAIMS**



TOP 50 ESG RISK RATING

BOAL Extrusion is part of the BOAL Group, which has achieved a **Top 50 Environmental, Social, and Governance (ESG)** score out of all companies worldwide. This independent ESG ranking by Sustainalytics demonstrates our commitment to sustainable practices and places us in the **top 1% of companies** rated by Sustainalytics worldwide.

BOAL EXTRUSION FAST.RELIABLE.TRUSTED.

At our extrusion facilities in the Netherlands and the United Kingdom we design, extrude and finish aluminium profiles for **a wide variety of sectors.**

Our aluminium profiles, including BOAL BLUE, are extruded in-house at our sites in De Lier, the Netherlands, and Shepshed, the United Kingdom, thereby ensuring fast and reliable local deliveries for various industries.


Minimising energy consumption and re-using natural resources are essential aspects of the ESG ambitions of our organisation and its clients.






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