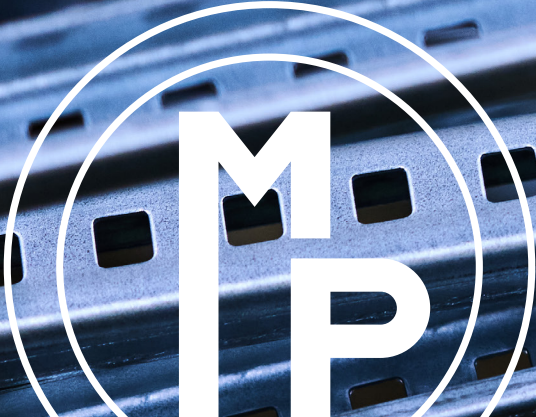




# WE ARE REDUCING OUR CARBON FOOTPRINT

Conscious choices in a  
sustainable direction







**High quality is the basis for every choice we make. Our promise for the future is to be at the forefront and have a sustainable mindset – at the same time.**

**We are accredited under the ISO 14001 environmental management system and are committed to continual improvement. Our promise for the future is to be good stewards of the earth's resources. For us it goes without saying that we will make a meaningful positive impact in the areas where we can.**

**We are now taking another step in close partnership with knowledgeable suppliers. From now on, we are choosing low carbon aluminum, which is extracted and manufactured in a way that cuts emissions.**

**Our conscious decision to purchase a sustainable material has a knock-on effect. We are reducing the carbon footprint of our aluminum products and the buildings in which they are used.**

**Together, we can go further.**

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## Our sustainability challenge



We have a broad sustainability agenda with a strong focus on energy. Using energy audits we have been able to reduce energy consumption and optimise energy efficiencies. Traditional fluorescent lights have been replaced by energy-efficient LED lighting fitted with sensors that turn the lights off when not being used. We have almost reached our goal of having a completely fossil-free fleet. A system of solar panels on the fence of the factory at Ekenässjön produces nearly 1,000,000 kWh of renewable electricity each year.

### **We care about quality**

The more we have reduced and adapted our own energy consumption, the more evident our material purchases have been in our carbon footprint. We've been faced with a dilemma – do we have to choose between quality and sustainability?

Numerous cable routing products contain aluminum. We use the material to make stop beads, windowsill trunking and socket columns. Aluminium can be easily shaped and is ideal for complex designs. It produces lightweight, flexible and durable products that last for years.

In other words, a super material with great properties and strengths. That is why we use it. However, the extraction of aluminium is very energy intensive.

Recycled aluminum radically reduces energy consumption, but the volumes currently available are too small.

We looked for other ways to reduce our carbon footprint without compromising the quality of our products. We are now introducing an alternative that will move us closer to this goal.



Our material has been certified by DNV GL in accordance with the ISO 14064 standard and covers all carbon dioxide emissions, from the mining of bauxite and processing of aluminum oxide to the production of aluminum by electrolysis and casting.

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## A low carbon solution

Our suppliers have good insight and knowledge of the entire chain for extracting and processing aluminium. This means they can also exert an influence on it.

In recent years, they have reviewed and evaluated every single step in the search for improvement potentials. They have succeeded in reducing, optimising and modifying all the way from the mining to the processing of bauxite.

Chemically speaking, the material is exactly the same: pure aluminum. But the production process is fundamentally leaned down, using only renewable energy from water, wind and sun for the extraction and processing.

### **We are reducing our carbon footprint**

Low carbon aluminum is an obvious choice for us. Low carbon aluminum is now used in windowsill trunking, socket columns, stop beads and other products. We are maintaining the same high level of quality, malleability and strength, but our environmental impact has reduced significantly compared with the past.

The raw material we are now using is a certified product with a maximum carbon footprint of 4 kilograms of carbon dioxide equivalent per kilogram of finished aluminum. This represents less than a quarter of the global average. And work is under way towards even further reductions.



# Our choice makes a difference

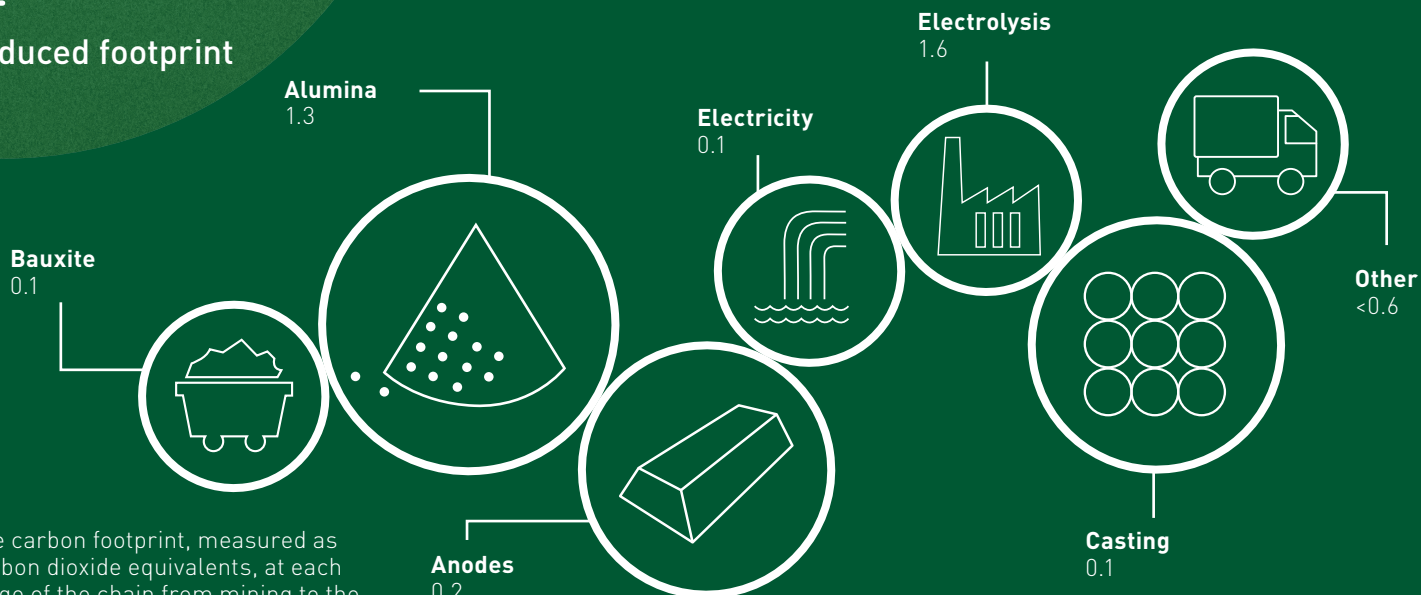
By choosing low carbon aluminum, we significantly reduce the disadvantages and retain all the benefits.

Installations and equipment that last and perform for a long time are an important part of sustainable construction. Pure, unmixed materials are easy to distinguish and recycle on the day when requirements and functions change. Our conscious choice of materials is

reducing our carbon footprint: Carbon dioxide emissions per kilogram of aluminum are down 40 per cent, from 6.7 to 4 kilograms.

For an office building where 100 metres of windowsill trunking is required, this reduction is the equivalent of the emissions produced by driving a petrol vehicle 1000 kilometres.

## Reduced footprint

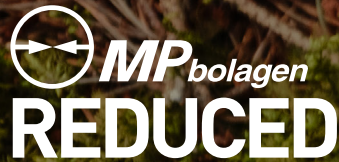


The carbon footprint, measured as carbon dioxide equivalents, at each stage of the chain from mining to the finished material.



kilogram of  
CO<sub>2</sub>

-40%



**Every step in the right direction gives us the determination and strength to do more. It gives us hope for the future. With a big picture approach, the right knowledge and close collaborative working, we are progressing on our sustainability journey.**

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