



2023-2028

SUSTAINABILITY STRATEGY



FIBERLINE
BUILDING PROFILES



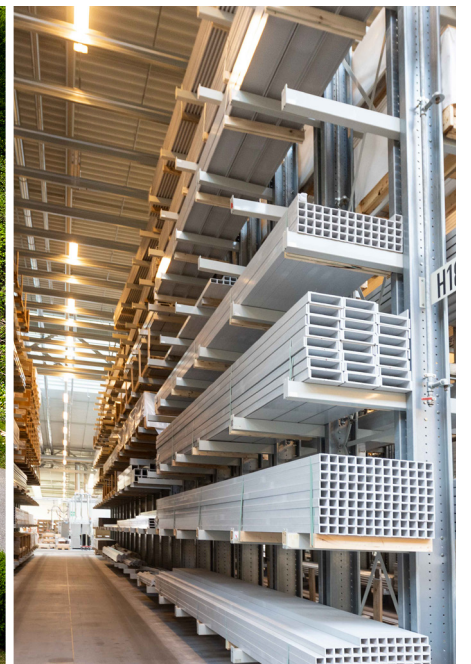


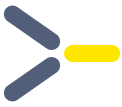
Challenge conventional construction
- for a more sustainable future



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1. Statement from the CEO

FROM GUESSWORK TO FACTS

The green transition in construction is one of the major subjects of our time. At Fiberline, we help our customers in the EU to contribute towards a more sustainable and effective construction industry by offering resource-saving and energy-efficient alternatives to traditional construction materials.

Within our industry, we often discuss the climate impact of both our and competing products and the way fibreglass can help reduce the general environmental impact of completed constructions and buildings. We need to be able to account for this. At Fiberline Building Profiles, we are working towards a more fact-based approach to sustainability, and in connection with this, we have prepared a sustainability strategy. It is based on three areas with specific objectives, which we will work on towards 2028. It involves minimisation of resources, reduction of CO2 emissions from our own production as well as paving the way for products that can contribute even more towards the green transition. Finally, it acknowledges our employees and stakeholders as critical to becoming a more sustainable company. Our work is closely tied to the UN Sustainability Development Goals, and even though it may seem like an enormous task and the path to green transition may seem long and winding, our efforts will be our entrance ticket to a future as a supplier of construction materials. Our products play an important role in the energy-efficient society of the future. However, it is up to us to produce the data that our customers can use to document that, together, we create more with less.

“It is up to us to produce the data that our customers can use to document that, together, we create more with less”

Torben Rønlev, CEO





2. About Fiberline Building Profiles

IN A HOLISTIC PERSPECTIVE

Raw materials

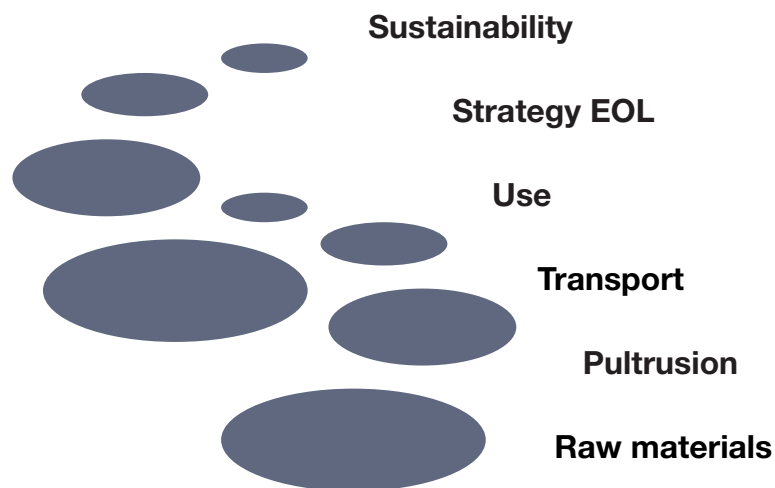
Fibreglass is a plastic-based composite consisting of fibreglass and polyester. Production of these raw materials constitutes the majority of our products' CO2 footprint, in fact as much as 80%. Both are produced via a complicated process, where resins are extracted from crude oil, while fibreglass is produced from sand. To ensure great strength for the stress areas of the individual geometries, we use different types of fibreglass threads, called rovings, as well as mats. Our construction profiles and planks contain between 60 and 70% glass.

Pultrusion

Composites can be manufactured in many ways, but here at Fiberline, we have specialised in pultrusion. Pultrusion is a continuous and energy-optimised process with operating temperatures between 80-150°. The actual hardening process also generates heat through what is known as an exothermic reaction, which keeps energy consumption per unit produced at a low level.

Transport

Our fibreglass has the same great strength as steel but is only a quarter of the weight. In combination with a newly-established factory in Poland, which is close to our markets, this has a positive effect on transport and CO2 emissions associated thereto.



Use

Unlike traditional materials, our fibreglass offers a range of different advantages. With a combination of low weight and great strength, our customers can reduce the total material usage, both for the construction and foundation or support. In addition, fibreglass is corrosion-free and weather-resistant, and the costs and resources for maintenance are low in comparison with traditional materials. The long lifetime of the product makes fibreglass solutions an energy- and cost-efficient alternative.

EOL

Fibreglass is 100% recyclable as a raw material in cement production. We recycle fibreglass rovings and mat scraps from production, and they end up in moulded fibreglass solutions. In addition, the design of our constructions allows them to be taken apart and to be re-built or recycled for new purposes.

Sustainability strategy

The next step in our journey is the launch of our sustainability strategy in 2023. The strategy will give customers, employees and other stakeholders transparent insight into our work with sustainability and our prioritisations towards 2028. With our newly established factory in Poland, the first part of our journey will focus on moving away from guesswork and towards facts. This way, we will have a well-documented foundation from which to work.



3. The UN Sustainability Development Goals

THE SDG'S IN PRACTICE AT FIBERLINE

The UN Sustainability Development Goals (SDGs) have been primarily developed so that the countries of the world can contribute towards sustainable development. However, the goals can also be applied at the company level. At Fiberline Building Profiles, we focus on the SDGs since we believe that, regardless of company size or type, we have to resolve the challenges together.

As a production company, it is our responsibility to contribute towards ensuring that we will be producing and using the earth's resources responsibly, also in the future. In addition, our company has a long tradition of leading the way when it comes to the capabilities of composites, and it is therefore natural for us to contribute with new, innovative solutions.

12 Responsible consumption and production

7 Affordable and clean energy

9 Industry, innovation and infrastructure

8 Decent work and economic growth

12 RESPONSIBLE CONSUMPTION AND PRODUCTION




7 AFFORDABLE AND CLEAN ENERGY



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



8 DECENT WORK AND ECONOMIC GROWTH





4. Our strategy house

WE CHALLENGE CONVENTIONAL CONSTRUCTION

In our sustainability strategy, we have chosen to prioritise four areas that we believe will have the most effect in relation to moving our company in the right direction as well as meeting our customers' sustainability requirements as best possible.

Construct more with less

We want to ensure better consumption of resources in our production and processes so that we can reduce our environmental footprint. This way, we can challenge traditional construction and ensure that, as an industry, we can construct more with less in the future. The focus areas include minimising waste from our production and increasing recycling of existing as well as introducing more responsible packaging solutions.

Construct with lower impact

We want to implement energy and CO₂ savings in our own production as well as in our value chain so as to ensure that our products have a reduced climate footprint. With a newly established factory, our first task will be to gain greater insight and to map the optimisation options, e.g. through an LCA, EPD or something entirely different. Through collaboration with close suppliers, we also want to find less energy-demanding alternatives.

Construct for the future

We want to lead the way with bringing new, smart solutions to the market, and sustainability will be the focal issue. Among other things, this will be ensured through a new and improved product line, which also includes better environmental characteristics. It will be developed through close collaboration with raw material suppliers as well as education and training institutions.

People in focus

We want to have the best workplace for our employees since they are our most valuable asset and are therefore critical in our pursuit to meet our goals – including our sustainability goals. Among other things, this will ensure increased focus on wellbeing, safety and motivation and performance.



OUR GOAL

We want to challenge conventional construction for a more sustainable future!

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

CONSTRUCT MORE WITH LESS
We commit to better utilization

<p>WASTE TO RESOURCES</p> <p>Reuse or recycle of waste from production by 2028</p>	<p>SMARTER PACKAGING</p> <p>Remove all plastic packaging on building profiles by 2025</p>
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7 AFFORDABLE AND CLEAN ENERGY

CONSTRUCT WITH LOWER IMPACT
We commit to cut carbon emissions

<p>CO₂-EMISSIONS FROM OPERATIONS</p> <p>Cut down on CO₂-emissions from own operations by 2028</p>	<p>CO₂-EMISSIONS FROM MATERIALS</p> <p>Map CO₂-emissions from materials and define reduction target by 2025</p>
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9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

CONSTRUCT FOR THE FUTURE
We commit to enable new solutions

<p>NEW SUSTAINABILITY FEATURES</p> <p>Launch a new product line with up-graded sustainability features by 2028</p>	<p>CO₂-EMISSIONS FROM MATERIALS</p> <p>Establish setup for testing new sustainable solutions by 2025</p>
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8 DECENT WORK AND ECONOMIC GROWTH

PEOPLE IN FOCUS
We commit to create the best working environment

<p>HEALTH AND SAFETY</p>	<p>EMPLOYEE ENGAGEMENT ON SUSTAINABILITY</p>	<p>TRAINING AND UPSKILLING ON SUSTAINABILITY</p>
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HOW TO REACH OUR GOALS

<p>Documentation on environmental impact</p> <p>Move from guesswork to knowledge</p>	<p>Partnership with academia</p> <p>Partner for new insights and better solutions</p>	<p>Collaboration with key suppliers</p> <p>Improve and get better together</p>	<p>Compliance & risk management</p> <p>Keep order in own house</p>
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5. CO2 calculations

AN ENERGY-EFFICIENT ALTERNATIVE

In general, fibreglass has a good reputation for its environmental profile, and ours is certainly no exception. To increase the visibility of the products' environmental impact and to enable comparison with other materials, we have calculated the environmental impact of our most popular geometries with a cradle-to-gate approach.

We have used the calculation tool Eco Impact Calculator, which is developed by EuCIA, The European Composites Association. The calculation tool is based on a recognised method of analysis as well as a comprehensive database compiled from a number of European institutions, research centres and industry players.

You can find the CO2 calculations in our Eco Report, where we have also gathered additional information about the environmental impact of our fibreglass products.
[<https://fiberline.com/da/eco-report>]



ECO IMPACT CALCULATOR
for composites



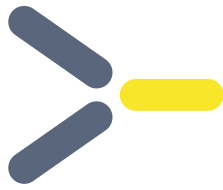


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It is not a question of either improving energy consumption or reducing the use of scarce or CO2-heavy materials. We have to do both. The composite materials have the potential to resolve the challenges, and therefore, composite should be regarded as part of the solution in the sustainable construction of the future”

- Christina Busk, Environmental Political Manager, the Danish Plastics Federation.





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