

# SUSTAINABILITY

MISSION: TOGETHER. RESPONSIBLE.

Sustainability is at the core of everything we do. Our corporate ecological commitment is summed up by the **MISSION: TOGETHER. RESPONSIBLE.** As we also apply and comply with this mission in regard to our products, we have created a classification system. The five different categories in our **FIVE-DOT-MISSION** system indicate the factors with the greatest impact on sustainability. Our intention is to offer our partners guidance with their purchasing decision-making and to provide a transparent system. A system which focuses on the use of materials, the CO<sub>2</sub> content, the product life cycle and, of course, recycling, a topic of particular relevance for our products. Our FIVE-DOT-MISSION makes an assessment of a product on the basis of five categories and awards points per category, the product is then assigned to one of the five coloured DOTs. By this means we achieve a transparent, quick valuation logic which we can also use to gauge product innovation and improvement at 3A Composites.

## THE FIVE-DOT CATEGORIES ARE:

**1. BIOBASED CONTENT**  
Depending on the product, different raw materials are used to manufacture our panels. In this case, we look at the percentage of renewable raw materials used in our products. Our aim is to increase the percentage whenever possible and appropriate.

**2. RECYCLED CONTENT**  
The industry selects recycled raw materials for use in the manufacture of new products which also fulfil requirements such as fire ratings, processing prerequisites and customer expectations in terms of functionality and appearance. This category is where we gauge the proportion of high quality recycled raw material in our products' total material input.

**3. FOSSIL CO<sub>2</sub> BOUND IN THE MATERIAL**  
This category shows the weight of fossil CO<sub>2</sub> embedded in our panels. Differences here are principally due to the raw material type and origin, the density, the composition and the proportion of recycled content.

**4. PRODUCT LIFE CYCLE**  
The plastic sheets and composite panels we produce are used by our customers for a longer period of time. In contrast to products used in the short term, these longer-term alternatives make an active contribution to saving resources. In this category we show our panels' average service life. Material properties result in disparities, so life cycles range from <1 year to even >30 years.

**5. RECYCLABILITY**  
One of the most important aspects of sustainability is contributing to environmental protection by saving valuable raw materials and avoiding waste. Unlike the second category "recycled content", in this assessment category, we show options for recycling the panels after they have been in use. There are already, for instance, established recycling loops for paper and metals. At some production sites, the material can already be returned, so that material for new panels can be created from it. As a company, we came to the conclusion that thermal recycling does not seem sustainable enough, so it is not included in our FIVE-DOT classification. Instead, we are actively working with partner companies to establish a closed-loop, sustainable and future-oriented recycling economy.

As many as 3 points can be achieved in each of the categories presented, totalling a maximum of 15 points. According to the total number of points achieved (1-15), the FIVE-DOT classification is conducted using the following colour gradation.



Transparency is important to us! We will review the product assessment annually to see in which areas the product can be improved. We have set ourselves the goal of achieving the majority of our sales with products which achieve a rating of ≥ 7 points in the FIVE-DOT classification by 2030.

Join us on our sustainable mission!

## SWEDBOARD® FIBRE FIVE-DOT-MISSION

SWEDBOARD® Fibre the innovative and environmentally friendly paper boards made of FSC® certified paper (FSC® C147499), have been assessed in line with the criteria described above. The product currently achieves a FIVE-DOT classification with a total of 12 points.



**BIOBASED CONTENT**  
Our SWEDBOARD® Fibre Premium nature and SWEDBOARD® Fibre Brown nature boards are made from 100% FSC® certified paper which means they are made from 100% renewable raw materials. SWEDBOARD® Fibre Premium and SWEDBOARD® Fibre FR boards are almost entirely made up of renewable raw materials. While SWEDBOARD® Fibre Premium has a unique paper liner with a thin moisture barrier that helps to keep the material flat even in extremely dry or humid conditions, the specially developed cover sheets of SWEDBOARD® Fibre FR comprises a very thin layer of aluminium to ensure that the sustainable SWEDBOARD® boards can also be used for applications with more stringent fire safety requirements.

FSC® certification ensures that the wood required for paper production comes from sustainable, environmentally sound and responsible forest management or from other controlled sources.

All raw materials used in our SWEDBOARD® Fibre paper boards also comply with the requirements in the current version of the European Union's Chemicals Regulation (REACH). In particular, SWEDBOARD® Fibre paper boards are free of any of the substances listed in the current version of the ECHA Candidate List of Substances of Very High Concern (SVHC). The paper boards do not contain any toxic substances or heavy metals that may harm the environment or create health risks.

**RECYCLED CONTENT**  
SWEDBOARD® Fibre boards already have a core consisting of a high proportion of recycled paper; the cover sheets are made of new paper fibre.

**FOSSIL CO<sub>2</sub> BOUND IN THE MATERIAL**  
The use of paper as the sole component of the SWEDBOARD® Fibre Premium nature and SWEDBOARD® Fibre Brown nature boards means that no fossil CO<sub>2</sub> is bound in the material. The products consist solely of renewable raw materials. SWEDBOARD® Fibre Premium and SWEDBOARD® Fibre FR boards consist mainly of paper which means they are also made almost entirely from renewable raw materials.

**PRODUCT LIFE CYCLE**  
SWEDBOARD® Fibre Premium, SWEDBOARD® Fibre Premium nature and SWEDBOARD® Fibre Brown nature boards are a sustainable solution for medium-term, seasonal promotions and signage as well as for indoor POS/POP displays. SWEDBOARD® Fibre FR is also ideal for applications with more stringent fire safety requirements.

**RECYCLABILITY**  
The SWEDBOARD® Fibre paper boards are fully recyclable and can be returned to the recycling loop and used to produce new material.

The production site in Katrineholm, Sweden, has gone through all the stages for FSC® certification (DNV-COC-001807). The production process, audited by FSC®, ensures that only FSC® certified paper is used in the production of our SWEDBOARD® Fibre boards and that non-certified, i.e. paper which has not been monitored, is not included. The FSC® label stands for a continuous and credible tracking process. It is a clear indicator that the paper comes from responsibly managed forests or from other controlled sources. The forest management is in compliance with social, economic and environmental requirements.



Ongoing efforts to reduce CO<sub>2</sub> emissions by scaling back energy and water consumption, increasing productivity and avoiding waste are being made at the SWEDBOARD® Fibre production site. There is already 100% fossil-free electricity used for the production of the material. The modern and energy-efficient production ensures a board production with almost no raw material waste.

