

Upcycling of all material waste

KE Fibertec collects and upcycles all textile material waste that is cut by the laser cutters. The surplus materials are used in the production of sound-absorbing ceiling panels. The weaving mill upcycles all residual yarns, which are rewound and used to produce bulb cords for mounting the textile ducts. Empty yarn cones are granulated and sent to the production of new plastic components.



50% lower carbon footprint

Our carbon footprint has been reduced by 50% (Scope 1 and 2) since 2018, despite revenue growth of over 30%. Our Scope 3 footprint has been reduced by 25% in the same period.



Sustainable packaging & less waste

KE Fibertec provides mounting rails cut to size to optimise installation time and reduce waste on site. The customised textile ducts reduce both transport volume and weight, resulting in lower CO₂ emissions during transport. In addition, KE Fibertec has introduced new sustainable packaging that reduces our carbon footprint by 62%.



4-5x lower carbon footprint

Achieve 4-5 times lower carbon footprint* with textile ducts and extra points for your LEED, DGNB and BREEAM certification. Our EPDs with dynamic CO₂ data offer complete insight into each component's impact on the carbon footprint.



* compared to a round steel duct.
Source: Industry-specific EPD, VELTEK Denmark

100% water savings

Switching to yarn dyeing of our textiles has resulted in a significant reduction in water consumption for dyeing, equivalent to more than 1 million litres of water annually. For special colours, we can now offer transfer printing directly on the textile material and without the use of water.



Solar panels & wind power

The weaving mill has installed a solar cell system, which supplies approx. 35% of the annual electricity consumption and up to 60% in the summer period. In addition to this 100% wind power is used as a supplement to the solar cell production at our Danish factories.



C2C approved materials

All materials are Cradle to Cradle approved and certified according to the C2C standard with the following results: Material Health (Bronze), Material Reutilization (Gold), Renewable Energy (Gold), Water Stewardship (Bronze) and Social Fairness (Gold). If you want a take-back scheme on end-of-life products, choose our CradleVent® product.



The UN SDGs as our foundation

Based on the 17 UN Sustainable Development Goals, we have taken the next step in our work to create decent conditions for both people and the environment, not only in Denmark, but throughout our entire supply chain.

