



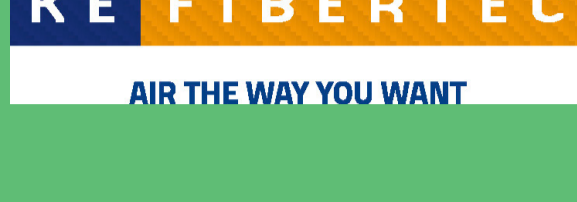
## KE FIBERTEC AS



### KE Fibertec AS

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**Contact person:**  
Claus Albertsen, Marketing Manager

### Product

CradleVent®

**Type of project:**  
Certification: The CradleVent® ventilation duct is Cradle to Cradle Certified™ at BRONZE level.

**Time frame:** May 2012 – April 2019



## PRODUCT AND SERVICE DESCRIPTION



KE Fibertec AS was founded in 1996 and is by now the world's largest manufacturer of textile ducting. KE Fibertec AS develops, manufactures, and markets „Good indoor climate“ or air distribution systems based on fibre technology. The principle is to create draught-free and uniform distribution of the ventilation air through our tailored textile ducts.

With the CradleVent® ventilation duct KE Fibertec is the first company in the Textile Based Ventilation business to present a sustainable Cradle to Cradle certified™ product. And this shall only be the beginning, with the implementation of the Cradle to Cradle® design concept KE Fibertec wants to increasingly integrate sustainability in the general company strategy.

CradleVent® is a ventilation duct that can be used for air distribution in offices, schools, laboratories, and other buildings. When the system is to be replaced, KE Fibertec AS will take it back for recycling and make sure that as much as possible of the product is recycled and used in a new production.

### Biological Nutrient:



All parts of this product are made for a safe use as technical nutrients.

### Technical Nutrient:

The ventilation duct has been optimized for the technical cycle. During the use phase the ventilation can be washed, assembled and disassembled quickly. After the use phase, the textile and the structure can be disassembled and the materials upcycled as raw materials for another use.



## CRADLEVENT®: C2C SCORECARD

	Basic	Bronze	Silver	Gold	Platinum
 Material Health		✓			
 Material Reutilization				✓	
 Renewable Energy				✓	
 Water Stewardship		✓			
 Social Fairness			✓		



## CORPORATE STRATEGY






The goal was to be the first company in the Textile Based Ventilation business to present a sustainable Cradle to Cradle® product. Furthermore, KE Fibertec wants to increasingly integrate sustainability in the general corporate strategy.

GOAL 1	GOAL 2	GOAL 3
		
C2C Certified™ Certification of the product (achieved 2014)	Pioneering the sustainable ventilation sector / Implementation of a take-back-system (achieved 2016)	To become a responsible company by developing sustainable solutions (in progress)
✓	✓	



## POSITIVE IMPACTS

Due to the Cradle to Cradle Certified™ Certification, the awareness from especially architects in the green building sector has increased.

Material Health	Material Reutilization	Renewable Energy	Water Stewardship	Social Fairness
				
The ingredients of CradleVent® have been analysed and improved during the project phase.	A nutrient management strategy was developed, including not only a take Back System of the product but also the suppliers	100% of the energy required for the production of the CradleVent® is rapidly renewable and carbon neutral.	KE Fibertec AS is striving through towards a responsible use of water throughout the supply chain.	KE Fibertec embraces the principles of the UN Global Compact on the global level and supports local communities with innovative social projects.



“ It is very important for us that we can document the sustainability of our products, which is why we have chosen the Cradle to Cradle® system as this is the customer’s guarantee that we keep what we promise.”

Carsten Jespersen, Managing Director

