Product Environmental Profile

PEP

> Precise, verifiable and accurate information of the environmental aspects of **cobi** during its life cycle. An environmental declaration according to the objectives of ISO 14021.

Product Description

Compact and lightweight, **cobi**™ is seating for teams that helps people move freely and minimize fatigue.

cobi dynamically supports a wide range of postures with only one manual adjustment for seat height. An intuitive, weight-activated mechanism provides support by automatically responding to the user's movement and supporting each individual's center of gravity. Its elastomeric top edge provides comfort when users drape an arm over the back of the chair. Additionally, the seat pan flexes on three sides, allowing users to sit in multiple directions in comfort. A unique, breathable knit material in eight standard colors on the back adds to **cobi**'s cool, comfortable sit.

The model chosen for analysis is the most frequently ordered one (code: 483 CFB) from the **cobi** range. Standard features on this model include:

- Weight-activated mechanism
- 125 mm pneumatic seat-height adjustment
- Fixed arms
- Back upholstery: Connect 3D

- Seat upholstery: Atlantic
- Frame, outer back, and five-arm base: Black
- 65 mm Ø castors: black

Material Declaration

cobi consists of the materials listed below. The total weight is 14.947 kg including packaging.

metals	kg	%
Steel	3.492	23.4
Aluminium	1.081	7.2
Iron	0.003	0.1

plastics	kg	%
PA6 (polyamide 6)	4.284	28.7
PP (polypropylene)	1.897	12.7
PU (Polyurethane) flexible foam	0.631	4.2
PET (Polyethylene Terephthalate) fabric	0.228	1.5
HDPE (High Density Polyethylene)	0.137	0.9
LDPE (Low Density Polyethylene) for packaging*	0.132	0.9
PA66 (Polyamide 66)	0.124	0.8
Rubber	0.036	0.2
POM (Polyoxymethylene)	0.032	0.2

other materials	kg	%
Cardboard for packaging	2.850	19.1
Fiberglass	0.020	0.1

Manufacturer

cobi is manufactured in Sarrebourg, France, by Steelcase, for the EMEA (Europe, Middle East and Africa) market. It is also manufactured by Steelcase in Grand Rapids (Kentwood East plant), Michigan, for the North American Market.

Since 1912, Steelcase has been committed to continually reducing the environmental impacts of its products and activities on a global scale, by constantly seeking more effective ways to conserve resources, prevent pollution and nurture environmental consciousness in its people every day.

Steelcase has management systems for quality (ISO 9001) and for the environment (ISO 14001 and/or EMAS II), ensuring that our customers are guaranteed the same level of product performance, wherever they are in the world.

Steelcase has a multi-site PEFC (Program for the Endorsement of Forest Certification schemes) certification for five of its production facilities in Europe. The certification acknowledges that the wood used in the products has been sourced from forests managed in a sustainable way. In the USA, Steelcase was given the FSC (Forest Stewardship Council) certification.

To show continuous improvements, Steelcase communicates the environmental performance of its products through voluntary environmental labels and declarations.

For further information see **steelcase.com**

Steelcase

Life Cycle Stages

Materials
This stage includes raw materials extraction and transformation into material ready to be used.

Production
This stage comprises all production and assembly processes taking place at Steelcase or at suppliers.

Transport
Transport from suppliers to the production site and transport from the production site to the EMEA market is considered.

Use
During the use stage of the product - the longest stage of the life cycle - no relevant environmental impacts occur.

End of life
Any product can be disposed of in different ways, or become a resource itself.

Environmental performance

Environmental labels and declarations on the product and its materials.

This product, when made in North America, was designed according to the **C2C** principles and is currently going through the Cradle to Cradle Certification process.

This product, as the entire Steelcase European seating range, is SCS **Indoor Advantage™** and **Indoor Advantage™ Gold** certified.

A selection of polyester fabric labelled with the **Oeko-Tex 100** Standard is available, guaranteeing that the textile doesn't contain undesirable substances.

A selection of pure wool fabric labelled with the **European Flower** is available, guaranteeing that the textile meets stringent quality and environmental performance criteria.

Actions for reducing the environmental impacts at each stage of the environmental life cycle.

End of life

cobi is 90% recyclable by weight.

The cardboard and LDPE film used for packaging are 100% recyclable.

Plastic parts are clearly labelled for easy sorting and an effective recycling.

cobi was designed to ensure our clients environmentally responsible after use strategies for their furniture.

Use

cobi was designed for a long product life, with replaceable parts.

Our eco-labelled textiles release no toxic substances.

Being Indoor Advantage certified means that the product meets tough indoor air quality standards.

Maintenance information is available in the Steelcase website.

Transport

To reduce shipping, **cobi** is manufacturedclose to customers, in Europe as well as in North America.

Materials

Together with Steelcase Inc. for the North American market, McDonough Braungart Design Chemistry (MBDC) looked in-depth at the chemistry of materials and selected those that are safe, healthy, and ecologically sound throughout their lifecycle.

cobi contains no CFC or HCFC in the foam, and no PVC.

cobi contains 16% recycled materials, by weight.

The packaging consists of 100% recycled cardboard and 30% recycled LDPE film (Low Density Polyethylene). Packaging uses water based inks without solvent.

Production

The production site in Sarrebourg has an ISO 14001 certified environmental management system.

Powder-coat painting is VOC-free and free of heavy metals; unused paint that does not attach to the product can be directly reused in the process.

Polyurethane foam is water-based.