# **Environmental Product Declaration**

Canvas Chair, 2031





#### Design story of the product

The Canvas Chair is a sustainable design, where material, shape and functionality are calibrated to equilibrium. Designed in 1970 by Børge Mogensen as one of his last pieces before his untimely passing in 1972, it is composed by clearly recognisable materials and shapes. Linen canvas is used for the seat and back suspended between conic pieces of solid oak – as the soft counterpart to an angular, almost constructivist base in solid oak.

#### Company description

Encouraging customers to buy fewer but better products has been at the core of Fredericia's company ethics, ever since we began in 1911. With the ultimate goal of creating furniture that becomes more beautiful with age, intended to be passed down from one generation to the next. These core values are rooted in our sense of responsibility, seen in our use of natural materials, our ethical methods of production and our respect for the people using our furniture every day.

## Supplier support

At Fredericia Furniture, we have established partnerships with selected supplier to collaborate in the matter of minimizing the environmental impact of our products. Through our ongoing implementation of a Sustainable supplier selection and Code of Conduct, we ensure that our suppliers meet our conditions regard to human rights and environmental standards among other things.

#### Design for environment criteria

In the phase of developing new products or re-engineering existing products Fredericia Furniture follows the below listed principles:

- · Timeless design
- Long material lifetime
- · Crafted to last
- Easing disassembly of products to increase circularity and ease repair of broken parts
- · Increase the use of recycled materials

#### Material declaration

Lounge chair of solid wood and canvas. Interchangeable seat and back made of 100% linen canvas. Technical fabrics available upon request.

#### Environmental data

The whole product incl. packaging material

Recycled content: 37% Virgin content: 63%

#### Life cycle assessment data

Climate footprint = 48 CO2e kg in a level 2 screening validated by the Danish Company, Målbar. This result is Målbars guesstimate of the outcome within the boundaries of 35-50 kg of CO2e.

### **Environmental Certifications**

Oak is FSC® Certified.

#### Test

EN 16139:2013 (L2)

BS 5852:Part 1:1979 Smouldering cigarette BS 5852:Part 1:1979 Match flame equivalent

#### Warrant

Fredericia Furniture A/S offers a 7-year guarantee against manufacturing defects in standard products (materials and construction). The warranty does not cover wear and damage to covers, surface treatment, inappropriate use and the like.

#### Disclaimer

Be aware of the variety of assumptions when comparing different EPDs and life cycle assumptions from different companies. The level of detail of the assessments across the industry can vary. This is a Self-declared Environmental Claim compliant with ISO 14021.

## Content Declaration

The charts below describe the materials used in the product.

MASS [KG]	SHARE	CONTENT
7	85%	Virgin
1	12%	Virgin
0,1	1%	Virgin
0,1	1%	Virgin
0,1	0,7%	Virgin
0,04	0,3%	Recycled
8,3		
	7 1 0,1 0,1 0,1 0,04	7 85% 1 12% 0,1 1% 0,1 1% 0,1 0,7% 0,04 0,3%

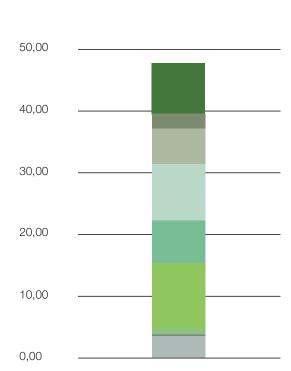
			CONTENT
Cardboard	5	93%	Recycled
Polyethylene (PE)	0,25	5%	Virgin
Polystyrene (PS)	0,15	2%	Virgin

# Detailed Life Cycle Assessment Data



product consists of it.

if the product consists of it.



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**Materials:** Includes the extraction of materials, and the benefit of recycled content is considered.

Upholstery: Expresses the environmental impact that the cover has

Surface treatment: Showcases the total environmental impact that

**Carbon storage:** Carbon credit for bio carbon is automatically subtracted in the calculation.

the product has concerning surface treatments.