

# Environmental Product Declaration

J39 Mogensen Chair, 3239



## Design story of the product

While the J39 Mogensen Chair is reminiscent of Mediterranean, Scandinavian, and Shaker furniture, its simple expression and use of materials reflect Mogensen's personal quest for design purity. Given its versatility and appeal to virtually anyone in any environment, the J39 Mogensen Chair has been in continuous production since its introduction in 1947

## 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 daily.

## Supplier support

At Fredericia Furniture, we have established partnerships with selected suppliers to collaborate in 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

Chair in solid wood with woven paper cord seat. Back in wood molded in layers.

## Environmental data

The whole product incl. packaging material

Recycled content: 67%

Virgin content: 33%

## Life cycle assessment data

Climate footprint = **19 kg of CO<sub>2</sub>e** in a level 2 screening validated by the Danish Company, Målbar. This result is Målbar's guesstimate of the outcome within the boundaries of 15 – 21 kg of CO<sub>2</sub>e.

## Environmental certifications

Oak and Beech are FSC® Certified.

## Test

EN 15373:2007 (L2)

ANSI/BIFMA X5.4-2020

## Warranty

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 other companies. The level of detail of the assessments across the industry can vary. This is a Self-declared Environmental Claim compliant with ISO 14021. The CO<sub>2</sub>e calculations are based upon delivery to an average EU customer and are done on a 15-year lifetime.


# Content Declaration


The charts below describe the materials used in the product.


MATERIAL	MASS [KG]	SHARE	CONTENT
Oak	2,6	56%	Virgin
Paper cord	1,4	31%	Virgin
Oak Plywood	0,5	10%	Virgin
Glue	0,1	3%	Virgin
<b>Total</b>	<b>4,6</b>		


PACKAGING MATERIAL	MASS [KG]	SHARE	CONTENT
Cardboard	1,1	82%	Recycled
Cardboard inlay	0,2	12%	Recycled
PE - LD	0,1	7%	Virgin
<b>Total</b>	<b>1,3</b>		


## Detailed Life Cycle Assessment Data


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**Disposal:** At Fredericia Furniture, we recommend our customers to handle our products with care when the product have served its use. We emphasis therefore that spare parts are reused/recycled when possible and/or products repaired with thought of the future. Sort the spare parts according to your country's regulations.
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**Use phase:** This is the longest phase of the life cycle. During the use phase of our products, a limited environmental impact occurs.
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**Transport:** Includes the transport between Fredericia's suppliers and the transport to Fredericia.
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**Packaging:** Includes all packaging material.
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**Production:** This phase includes both the manufacturing of components but also the assembly of finished goods.
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**Cover:** Expresses the environmental impact that the cover has if the product consists of it.
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**Upholstery:** Expresses the environmental impact that the cover has if the product consists of it.
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**Surface treatment:** Showcases the total environmental impact that the product has concerning surface treatments.
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**Materials:** Includes the extraction of materials, and the benefit of recycled content is considered.
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**Carbon storage:** Carbon credit for bio carbon is automatically subtracted in the calculation.

