

Environmental datasheet

Hemp Fine



Environmental datasheet

All about circularity and our sustainable way of working

General information

Our Company

Vepa is part of the Fair Furniture Group. A family of like-minded brands and people. Innovative ideas come to life in our local factories. We are ambitious and aim for excellence. We want to be the most sustainable. Tomorrow is calling. We have the answers.

Our circular factory

We have great ambitions when it comes to sustainability. How we do this? Simply by starting and going one step at a time. Our latest development is generating our own hydrogen as fuel for our furnace in the paint shop.

Our product

Dimensions: 54x61,5x82cm
Weight per unit: 6,355 kg
Scope of declaration: A1 - D
A Hemp Fine chair consists of a hemp shell and a steel underframe.

Disclaimer

This document is not third-party validated.
The information is only intended for B2B customers.
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Calculation Basis

PCR: EN15804+A2:2019
LCA method R<THiNK: EN15804+A2:2019
LCA software*: Simapro 9.1.1
Characterization method: EN 15804 +A2 Method v1.0
LCA database profiles: EcolInvent version 3.6
Version database: v3.16 (2024-02-12)



Exploded view of the Hemp Fine

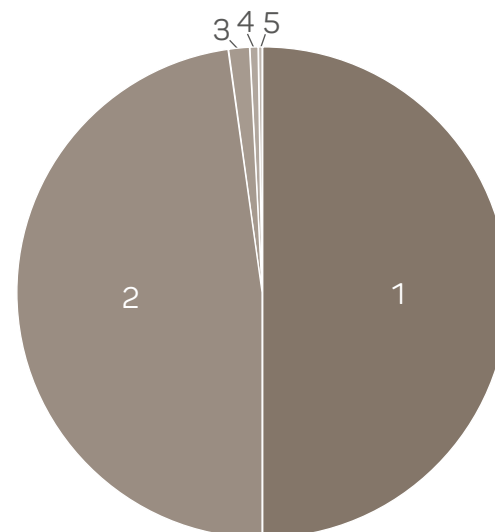
Bill of Materials

Fossil raw materials are running out and their extraction has a major impact on our planet. We believe that the use of sustainable raw materials, the reuse of discarded furniture, the use of the renewable raw material wood or the use of recycled materials, always takes precedence over the use of fossil raw materials. So that is what we are doing. We only have one planet Earth. Let's not waste it.

To produce the product the following raw material inputs are needed per piece. The net amounts (leaving the factory gate as a product) are displayed. Excluding additional amounts related to production waste, construction waste, etc., these amounts are declared at the module they appear. The waste scenario is declared per raw material to show the connection between the amounts accounted for waste processing and the net raw material input. However, waste processing, final disposal and loads and benefit beyond the system boundaries are not declared in module A1 but in C3, C4 and D." The total amount of secondary content is displayed in kilograms.



material	mass (kg)	share	cumulative
1. biogenic	3,190	50,2%	50,2%
2. steel	3,024	47,6%	97,8%
3. linseed oil	0,100	1,6%	99,4%
4. powder coating	0,030	0,5%	99,8%
5. other	0,011	0,2%	100%



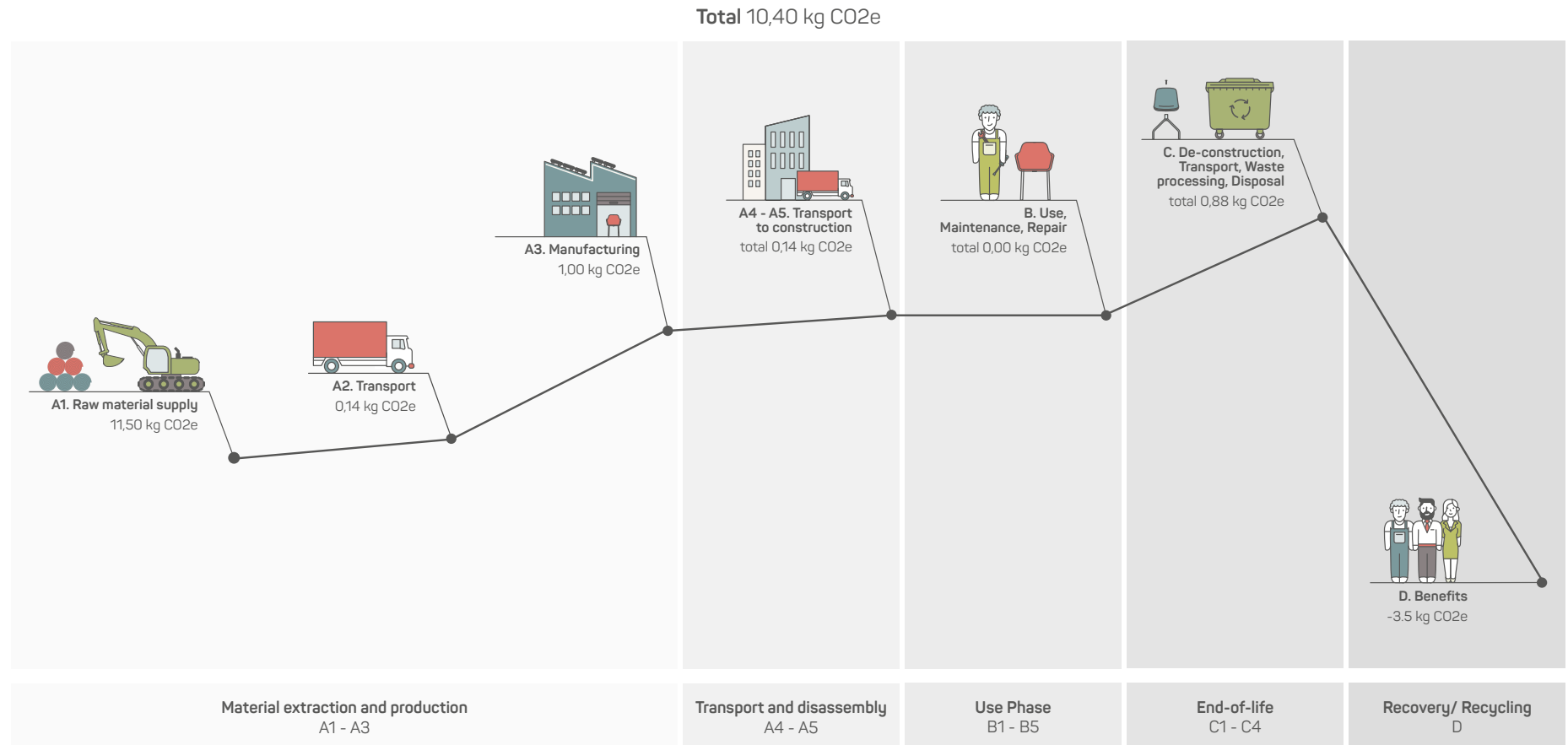
Carbon Footprint (GWP)

The carbon footprint is a calculated value that makes it possible to compare the total amount of greenhouse gases that our product adds to the atmosphere. 50 kg CO₂ eq is comparable to a one-way trip from Amsterdam to Berlin by train.

In accordance with EN 16449

Biogenic CO₂ stored (total): 5,23 kg

Biogenic CO₂ stored per kg of hemp: 1,64 kg





Creating possibilities

People want to enjoy work. And in a healthy way. In creative and innovative work environments, where sustainability is important.

We get it. Ever since 1951. Every day we work on the ideals of tomorrow. Simply in our own factories.

More information

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