

Building Green Copenhagen – Extended Sustainability Document

This form is intended for exhibitors with physical products and solutions within the sustainable construction sector.

The document is divided into two categories that you must respond to.

- 1. Company level**
- 2. Product level**

(To answer the following, it may be helpful to involve your production manager, environmental/sustainability manager, CSR/HR manager, etc.)

The document will be used to visually present your company and product/service profile at the event. Your complete responses will be made available to conference participants via QR code and download.

General information

Company name	Odenwald Faserplattenwerk GmbH (OWA)
Contact person	Vera Krüger, Marketing
Name of product/solution	Hemp fibre canopie Selecta Hemp I nOWAcoustic Mineral fibre ceiling solutions / Metal ceilings
Short description of product/solution	<p>The brand new hemp fibre canopies, Selecta Hemp, impress thanks to rapidly renewable hemp fibres with a very high degree of resource conservation. Hemp plants – the basis of our hemp fibre canopies – are cultivated twice a year and thus form more biomass (bound CO₂) faster than wood. In addition, the fibres obtained from the hemp plant meet high acoustic requirements due to their material properties. The OWA hemp fibre canopies are 100% recyclable and can be used as raw material for new hemp absorbers. Selecta Hemp sustainably improves room acoustics and is available in both a natural finish and a variety of OWAcolor shades.</p> <p>In addition OWA offers unique ceiling systems made of mineral fibre tiles or metal tiles.</p> <p>Mineral wool – the raw material for OWA mineral ceilings – is one of the most thoroughly researched and carefully controlled building materials in the world. Awarded the RAL quality seal for products made of mineral wool, it fulfils all national and international regulations.</p> <p>OWAcoustic tiles are finished with solvent-free dispersion paints that only use naturally occurring pigments.</p> <p>The mineral ceilings we produce are unique in terms of their acoustic performance, durability, workability, fire protection and fire behaviour.</p>

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1. Company level

Are you ISO14001 certified?
If yes – insert a link to the certificate.

Please show/attach your policies regarding:
Environment, CSR, Energy, Sustainability,
Procurement

Please insert links to:
Code of Conduct
UN Global Compact
CSRD report (or alternatively voluntary
environmental report, climate report according to
GHG protocol)

As a company certified according to the international environmental management standard DIN EN ISO 14001, OWA is committed to pursuing defined environmental goals in an ongoing improvement process and to continuously monitoring both the results and our compliance with all relevant laws.

In addition, we are also certified according to DIN EN ISO 9001, DIN EN ISO 45001, DIN EN ISO 50001

Environment: OWA is certified according to DIN EN ISO 14001.

We take our responsibility until the end of the product life cycle seriously and have established a take-back system (OWA green circle) for mineral ceiling tiles in Germany. We are currently expanding our activities to other countries. In this way, we are fulfilling the requirements of the circular economy.

CSR:

Our values and guidelines for our behaviour and our actions are defined in a comprehensive OWA Code of Conduct.

Energy: OWA is certified according to DIN EN ISO 50001. To increase energy efficiency at our production sites we have implemented a continuous improvement process.

We monitor and measure our energy consumption and realise potential savings.

Nearly 50% of our electricity consumption is supplied by renewable sources.

Sustainability:

OWA is currently working on developing a sustainability strategy.

Procurement: Due to our company size, OWA is currently not subject to the Supply Chain Due Diligence Act.

As a company, we strictly adhere to the standards for environmental protection, working conditions and human rights required by the Supply Chain Due Diligence Act.

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	<p>We also demand the same compliance from all companies that work directly with us and conduct supplier surveys.</p>
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2. Product level	
2a. Production	
Where in the world is your product/its components manufactured?	OWA ceiling tiles are manufactured in Germany. The brand new hemp fibre canopies, Selecta Hemp are produced in Austria.
Are any or all of your raw materials/components recycled or surplus materials from other productions/activities? If partially: What proportion is recycled or surplus material?	Using raw materials responsibly and efficiently forms the basis of OWA's environment-friendly operation. OWA uses raw materials supplied locally in the production process. OWA uses recycled or renewable raw materials whenever possible. Hemp is a renewable raw material that binds CO ₂ during its growth. The production of hemp absorbers has a positive environmental balance, as it is energy-efficient and resource-saving, making it an ideal choice for environmentally conscious construction.
Do you produce using renewable energy? Do you generate it yourself or purchase credits?	Renewable energies dominate Austria's electricity mix: In 2024, almost 89% of Austria's total electricity generation came from renewable sources. Nearly 50% of OWA's electricity consumption is supplied by renewable sources.
Does your product contain electrical or electronic components? And where are they produced?	The product is not an electrical element and does not contain any electronic components.
Biodiversity – how do you manage biodiversity at and around your production site(s)?	OWA has an environmental policy in place. Hemp absorbers have been awarded the Austrian Ecolabel (UW 905). The Austrian Ecolabel is a state-recognized seal of approval for environmental friendliness and quality. It stands for strict ecological and health criteria throughout the entire product life cycle—from raw material extraction to production and disposal.
Packaging – what type of packaging is used for your product? And in what quantities? (e.g., weight of packaging vs. product weight)	OWA uses recycled card board and recycled foil for packaging. Wooden pallets are partly made of recycled wood.

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<p>How much waste do you generate in your production? How is it measured? (percentage of production, quantity, etc.)</p>	<p>OWA has a waste management in place. Waste is sorted, separated and recycled whenever possible.</p>
<p>What do you do with waste or surplus materials from your production and activities? (e.g., surplus heat to district heating, food waste from canteen to biogas, workwear to new textiles)</p>	<p>OWA has a waste management in place. Waste is sorted, separated and recycled whenever possible.</p>
<p>Do you have off-take agreements for your waste? Who collects it and how is it processed?</p>	<p>OWA has a waste management in place. Waste is sorted, separated and recycled whenever possible.</p>
<p>Other relevant input for this section?</p>	<p>-</p>
<p>2b. Resources – Raw Materials, Waste, Residual Fractions, Residual Packaging, Intake–Output, etc. (Consider your entire value chain, both upstream and downstream)</p>	
<p>Where do you source your raw materials, components, etc.? DK/Nordics/EU/BRICS/?</p>	<p>Using raw materials responsibly and efficiently forms the basis of OWA's environment-friendly operation. OWA uses raw materials supplied locally in the production process. OWA uses recycled or renewable raw materials whenever possible. Our high-quality hemp absorbers are made exclusively from sustainably grown hemp. The raw materials are sourced from regional farmers in Austria and Czechia who adhere to strict environmental standards. Short transport routes enable a reduced environmental impact and support local agriculture. In this way, nature, people, and building culture are brought together in a sustainable way.</p>
<p>What are the options for your product at end of life? And how do you handle it? (e.g., take-back programs, leasing models, product-as-a-service, or does it end up being crushed or incinerated?)</p>	<p>At OWA we take our responsibility until the end of the product life cycle seriously and have established a take-back system (OWA green circle) for mineral ceiling tiles in Germany. We are currently expanding our activities to other countries. In this way, we are fulfilling the requirements of the circular economy. The OWA hemp fibre canopies are 100% recyclable and can be used as raw material for new hemp absorbers.</p>

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<p>Where does the waste from your production ultimately end up?</p> <p>(This refers to the <i>final</i> destination of the waste – not just the next step in the value chain, such as your waste management provider. For example, wires may end up in Pakistan where PVC is incinerated, and copper is recycled.)</p>	<p>OWA has a waste management in place. Waste is sorted, separated and recycled whenever possible.</p>
<p>Are there risks of child labor/forced labor/slavery in your value chain (both upstream and downstream), and how do you identify it? – If yes, how do you handle this?</p>	<p>Due to OWA’s company size, we are currently not subject to the Supply Chain Due Diligence Act. As a company, we strictly adhere to the standards for environmental protection, working conditions and human rights required by the Supply Chain Due Diligence Act.</p> <p>We also demand the same compliance from all companies that work directly with us.</p>
<p>How are environmental and climate impacts managed in your value chain? Is there a risk of soil/air/groundwater/freshwater pollution in your value chain?</p>	<p>Due to OWA’s company size, we are currently not subject to the Supply Chain Due Diligence Act. As a company, we strictly adhere to the standards for environmental protection, working conditions and human rights required by the Supply Chain Due Diligence Act.</p> <p>We also demand the same compliance from all companies that work directly with us.</p> <p>Our high-quality hemp absorbers are made exclusively from sustainably grown hemp. The raw materials are sourced from regional farmers in Austria and Czechia who adhere to strict environmental standards. Short transport routes enable a reduced environmental impact and support local agriculture. In this way, nature, people, and building culture are brought together in a sustainable way.</p>
<p>How do you manage subcontractors? (Policies, monitoring, audits, etc.)</p>	<p>Due to OWA’s company size, we are currently not subject to the Supply Chain Due Diligence Act. As a company, we strictly adhere to the standards for environmental protection, working conditions and human rights required by the Supply Chain Due Diligence Act.</p> <p>We also demand the same compliance from all companies that work directly with us.</p>

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Other relevant input for this section?	-
2c. Logistics and Transport	
<p>How far do you transport incoming raw materials/components?</p> <p>And how? (Truck, train, plane – fossil, hydrogen or electric?)</p>	<p>OWA uses only trucks that comply with the Euro 6 emission standard. We plan the optimum capacity utilisation for our transports in order to reduce transport emissions.</p> <p>Our high-quality hemp absorbers are made exclusively from sustainably grown hemp. The raw materials are sourced from regional farmers in Austria and Czechia who adhere to strict environmental standards. Short transport routes enable a reduced environmental impact and support local agriculture. In this way, nature, people, and building culture are brought together in a sustainable way.</p>
<p>How far are your products typically transported?</p> <p>And how? (Truck, train, plane – fossil, hydrogen or electric?)</p>	<p>A typical transport distance for OWA is 300- 700 km.</p> <p>OWA uses only trucks (fossil) that comply with the Euro 6 emission standard. We plan the optimum capacity utilisation for our transports in order to reduce transport emissions.</p>
<p>How far is waste/spillage transported to its final destination?</p> <p>And how? (Truck, train, plane – fossil, hydrogen or electric?)</p>	<p>OWA has a waste management in place. Waste is sorted, separated and recycled whenever possible. Short transport routes enable us to reduce our environmental impact.</p>

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<p>How do you handle returns?</p> <p>Are they reused – fully or partially?</p>	<p>Returns are recycled within OWA's take-back system (OWA green circle) for mineral ceiling tiles in Germany.</p>
<p>Other relevant input for this section?</p>	

Documentation of Environmental and Climate Impact

Please include links to:

- 2.34 kg CO2 equivalent /m² for the manufacturing phase A1-A3 (raw materials, transport, production)

Product Evaluation and Information

Please include links to:

New CE marking according to updated construction product regulation (CPR)

DoP

Social LCA according to UN guidelines

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Cradle To Cradle (C2C)

-

Digital Product Passport (DPP)

-

Environmental Product Declaration (EPD)

Documentation regarding LCA is available at OWA

Product Environmental Footprint (PEF)

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Forest Stewardship Council (FSC)

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Program for the Endorsement of Forest Certification (PEFC)

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Nordic Swan Ecolabel

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EU Ecolabel (Flower)

Austrian Ecolabel (UW 905)

Other relevant certifications

A+ acc. to French VOC Regulation

Future Vision for Your Product/Solution

How do you plan to:

- Increase sustainability?
- Reduce emissions?
- Better support biodiversity?
- Improve quality of life in your value chain?

OWA is currently working on developing a sustainability strategy.

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In 5 years? In 10 years?	
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Kilder:

This form has been developed in collaboration with experts in the construction industry, based on:
The Danish Marketing Act, Guidelines from the Consumer Ombudsman, The Green Claims Directive,
DDD – Due Diligence in the Value Chain, Construction Product Regulation (CE marking), UN's Guide on
Social LCA, the Jysk/IKEA case, EMF Vol 1