



ENVIRONMENTAL PRODUCT DECLARATION

IN ACCORDANCE WITH EN 15804+A2 & ISO 14025

CM Projekt Snabb

Combimix



CM Projekt Snabb



EPD HUB, HUB-5260

Published on 06.02.2026, last updated on 06.02.2026, valid until 05.02.2031

Life Cycle Assessment study has been performed in accordance with the requirements of EN 15804, EPD Hub PCR version 1.1 (5 Dec 2023) and JRC characterization factors EF 3.1.



Created with One Click LCA



GENERAL INFORMATION

MANUFACTURER

Manufacturer	Combimix
Address	Backamo 620, 459 91 Ljungskile, Sweden / Verkstadsvägen 6, 746 40 Bålsta, Sweden
Contact details	miljo@combimix.se
Website	https://www.combimix.com/se/

EPD STANDARDS, SCOPE AND VERIFICATION

Program operator	EPD Hub, hub@epdhub.com
Reference standard	EN 15804:2012+A2:2019/AC:2021 and ISO 14025
PCR	EPD Hub Core PCR Version 1.1, 5 Dec 2023
Sector	Construction product
Category of EPD	Third party verified EPD
Parent EPD number	-
Scope of the EPD	Cradle to gate with options, A4-A5, and modules C1-C4, D
EPD author	Ebba Hultman, Combimix AB
EPD verification	Independent verification of this EPD and data, according to ISO 14025: <input type="checkbox"/> Internal verification <input checked="" type="checkbox"/> External verification
EPD verifier	Haiha Nguyen, as an authorized verifier acting for EPD Hub Limited

This EPD is intended for business-to-business and/or business-to-consumer communication. The manufacturer has the sole ownership, liability, and responsibility for the EPD. EPDs within the same product category but from different programs may not be comparable. EPDs of construction products

may not be comparable if they do not comply with EN 15804 and if they are not compared in a building context.

PRODUCT

Product name	CM Projekt Snabb
Product reference	78103, 78109
Place(s) of raw material origin	Sweden, Europe
Place of production	Backamo & Bålsta, Sweden
Period for data	10/2023 - 9/2024
Averaging in EPD	Multiple factories
Variation in GWP-fossil for A1-A3 (%)	±6,06 %
A1-A3 Specific data (%)	86,2

ENVIRONMENTAL DATA SUMMARY

Declared unit	1 kg
Declared unit mass	1 kg
GWP-fossil, A1-A3 (kgCO ₂ e)	0,17
GWP-total, A1-A3 (kgCO ₂ e)	0,18
Secondary material, inputs (%)	16,3
Secondary material, outputs (%)	66,9
Total energy use, A1-A3 (kWh)	0,84
Net freshwater use, A1-A3 (m ³)	0

PRODUCT AND MANUFACTURER

ABOUT THE MANUFACTURER

Combimix develops and manufactures mineral-based products for the construction industry. The assortment includes products for floor leveling, facade plastering, masonry, casting, concrete renovation and restoration mortar for cultural buildings.

PRODUCT DESCRIPTION

CM Projekt Snabb is a pumpable, self-leveling screed with a compressive strength class of C25 (35 MPa), fire class A1fl, and density of 1800 kg/m³ for layer thicknesses of 5-100 mm. The product is fiber-reinforced and fast-curing, suitable for new construction, renovation, underfloor heating construction, and sloped floors.

Further information can be found at:
<https://www.combimix.com/se/>

PRODUCT RAW MATERIAL MAIN COMPOSITION

Raw material category	Amount, mass %	Material origin
Metals	0	
Minerals	99,5	Europe
Fossil materials	0,5	Europe
Bio-based materials	0	

BIOGENIC CARBON CONTENT

Product's biogenic carbon content at the factory gate

Biogenic carbon content in product, kg C	0
Biogenic carbon content in packaging, kg C	0

FUNCTIONAL UNIT AND SERVICE LIFE

Declared unit	1 kg
Mass per declared unit	1 kg
Functional unit	-
Reference service life	-

SUBSTANCES, REACH - VERY HIGH CONCERN

The product does not contain any REACH SVHC substances in amounts greater than 0,1 % (1000 ppm).

PRODUCT LIFE-CYCLE

SYSTEM BOUNDARY

This EPD covers the life-cycle modules listed in the following table.

Product stage			Assembly stage		Use stage							End of life stage				Beyond the system boundaries		
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D		
X	X	X	X	X	MND	MND	MND	MND	MND	MND	MND	X	X	X	X	X		
Raw materials	Transport	Manufacturing	Transport	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	Deconstruction / demolition	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

Modules not declared = MND. Modules not relevant = MNR

MANUFACTURING AND PACKAGING (A1-A3)

The product stage (A1-A3) encompasses environmental impacts from the production of raw materials and ancillary materials used in manufacturing. This stage also includes fuel consumption by machinery and the management of production waste at manufacturing facilities. The study also considers material losses occurring during the manufacturing processes as well as losses during electricity transmission.

Raw materials originate from Swedish and European suppliers. Primary raw materials consist of sand, cement, and filler materials. European materials

are transported to Sweden via truck and ship, followed by truck distribution to production facilities throughout Sweden.

The manufacturing process comprises raw material production, factory transport, and blending. During blending, all raw materials are added to mixing vessels where they are mixed together to form the finished product. The product is then transferred to storage facilities prior to customer delivery.

TRANSPORT AND INSTALLATION (A4-A5)

Environmental impact from transport to construction site (A4) includes direct emissions from fuel combustion, emissions from fuel production, and infrastructure related emissions. The product is delivered from factory to customer by truck at full capacity utilization. For installation (A5), tap water is used.

PRODUCT USE AND MAINTENANCE (B1-B7)

This EPD does not cover the use phase.

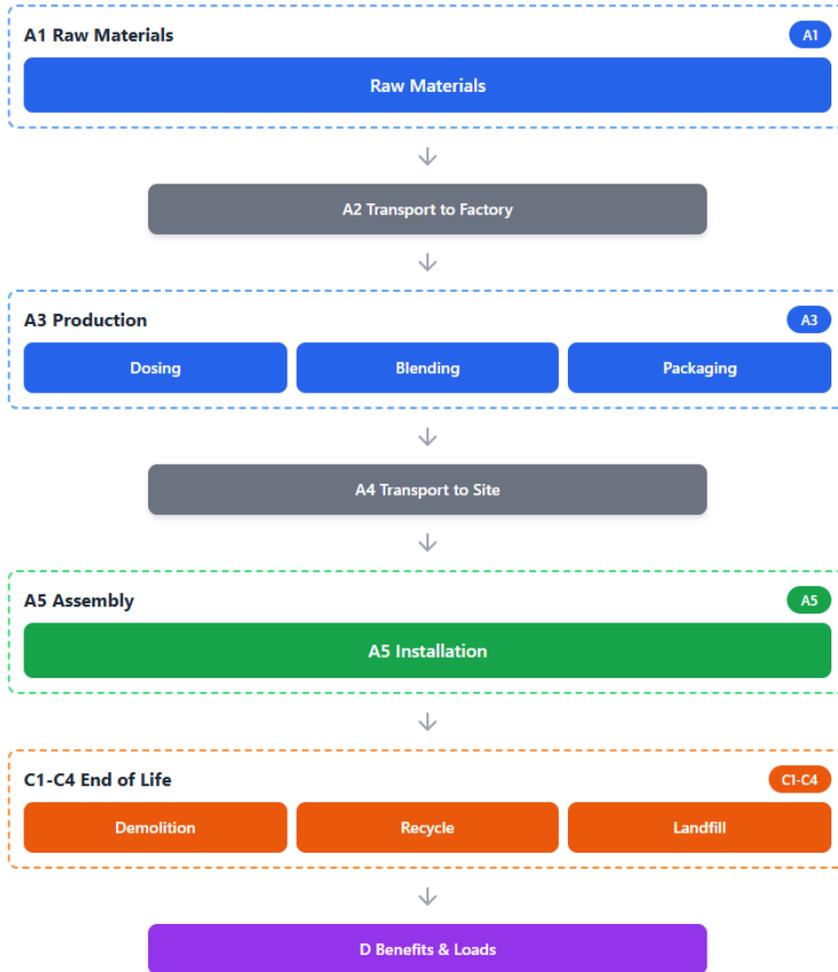
Air, soil, and water impacts during the use phase have not been studied.

PRODUCT END OF LIFE (C1-C4, D)

At the end of life, demolition is carried out mechanically (C1) using construction machinery. The demolition process consumes diesel fuel. The demolished material is collected and sorted as construction waste. All end-of-life product is transported to the closest waste treatment facilities (C2). In the waste processing stage (C3), concrete is crushed and sorted at the waste treatment plant. The majority of the material is directed to recycling, while a portion is sent to landfill (C4).

Due to the recycling potential, environmental benefits from material recovery beyond the system boundary are reported separately in module D.

MANUFACTURING PROCESS



LIFE-CYCLE ASSESSMENT

CUT-OFF CRITERIA

The study does not exclude any mandatory modules or processes according to the standard and PCR. The study includes all hazardous materials and substances. All significant raw material and energy consumption is included. All inputs and outputs for which data is available are included in the calculation. No single excluded process is greater than 1% of total mass or energy flows. Total excluded flows per module are also not greater than 5% of energy or mass.

Production of machinery and equipment, buildings, infrastructure, maintenance, personnel activities, and energy and water for offices and sales are not included in the study.

VALIDATION OF DATA

Data collection for production and transport is from 2024 production at the facilities in Bålsta and Backamo. For upstream processes, generic data from Ecoinvent v3.10.1/3.11 and One Click LCA databases is used. The analysis was performed in One Click LCA EPD Generator with the 'Cut-Off, EN 15804+A2' allocation method and characterization factors according to EN 15804:2012+A2:2019/AC:2021 and JRC EF 3.1.

Data quality has been assessed for the most important materials that together account for the majority of environmental impact. Cement: European production data from 2020-2023. Sand and aggregates: Swedish quarry data from 2023-2024. Transport of raw materials: actual transport distances and 2024 data. Electricity for production: actual electricity consumption 2024 and Swedish electricity mix. Additives: European production data from Ecoinvent.

ALLOCATION, ESTIMATES AND ASSUMPTIONS

Allocation follows the reference standards and PCR as follows:

Data type	Allocation
Raw materials	No allocation
Packaging material	No allocation
Ancillary materials	No allocation
Manufacturing energy and waste	Allocated by mass or volume

PRODUCT & MANUFACTURING SITES GROUPING

Type of grouping	Multiple factories
Grouping method	Based on average results of product group - by total mass
Variation in GWP-fossil for A1-A3, %	±6,06%

This EPD represents a weighted average from our two production facilities in Bålsta and Backamo. Climate impact varies by approximately ±6,06% (GWP-fossil A1-A3) between factories due to differences in energy consumption and transport distances. This complies with GPI 2.9.

LCA SOFTWARE AND BIBLIOGRAPHY

This EPD has been created using One Click LCA EPD Generator. The LCA and EPD have been prepared according to the reference standards and ISO 14040/14044. The EPD Generator uses Ecoinvent v3.10.1/3.11 and One Click LCA databases as sources of environmental data. Allocation used in Ecoinvent 3.10.1/3.11 environmental data sources follow the methodology 'allocation, Cut-off, EN 15804+A2'.

ENVIRONMENTAL IMPACT DATA

The estimated impact results are only relative statements which do not indicate the end points of the impact categories, exceeding threshold values, safety margins or risks.

CORE ENVIRONMENTAL IMPACT INDICATORS – EN 15804+A2, EF 3.1

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP – total ¹⁾	kg CO ₂ e	1,23E-01	3,78E-02	1,48E-02	1,76E-01	2,58E-02	5,42E-05	ND	3,61E-03	1,09E-02	3,46E-03	2,12E-03	-7,91E-03						
GWP – fossil	kg CO ₂ e	1,23E-01	3,78E-02	4,89E-03	1,66E-01	2,58E-02	5,40E-05	ND	3,60E-03	1,09E-02	3,46E-03	2,12E-03	-7,91E-03						
GWP – biogenic	kg CO ₂ e	-7,49E-05	8,03E-06	9,86E-03	9,80E-03	5,19E-06	1,08E-07	ND	3,68E-07	2,17E-06	-3,53E-07	-6,75E-07	0,00E+00						
GWP – LULUC	kg CO ₂ e	3,21E-04	1,63E-05	2,82E-06	3,40E-04	9,27E-06	1,10E-07	ND	3,69E-07	3,86E-06	3,54E-07	1,21E-06	-7,15E-06						
Ozone depletion pot.	kg CFC ₋₁₁ e	2,44E-09	7,49E-10	3,18E-10	3,51E-09	5,14E-10	7,74E-13	ND	5,52E-11	2,17E-10	5,29E-11	6,15E-11	-6,16E-11						
Acidification potential	mol H ⁺ e	4,32E-04	2,27E-04	8,56E-05	7,45E-04	5,37E-05	2,88E-07	ND	3,25E-05	3,42E-05	3,12E-05	1,50E-05	-4,83E-05						
EP-freshwater ²⁾	kg Pe	2,85E-05	2,45E-06	1,36E-06	3,23E-05	1,74E-06	3,28E-08	ND	1,04E-07	7,25E-07	9,98E-08	1,74E-07	-2,41E-06						
EP-marine	kg Ne	1,29E-04	5,45E-05	7,86E-06	1,91E-04	1,29E-05	5,53E-08	ND	1,51E-05	1,15E-05	1,45E-05	5,74E-06	-1,14E-05						
EP-terrestrial	mol Ne	1,53E-03	6,00E-04	2,86E-04	2,42E-03	1,39E-04	5,33E-07	ND	1,65E-04	1,25E-04	1,58E-04	6,26E-05	-1,39E-04						
POCP (“smog”) ³⁾	kg NMVOCe	4,21E-04	2,38E-04	2,08E-05	6,80E-04	8,94E-05	1,77E-07	ND	4,93E-05	5,36E-05	4,73E-05	2,24E-05	-3,83E-05						
ADP-minerals & metals ⁴⁾	kg Sbe	2,55E-06	9,83E-08	1,44E-07	2,80E-06	8,59E-08	3,07E-10	ND	1,29E-09	3,57E-08	1,24E-09	3,37E-09	-4,23E-08						
ADP-fossil resources	MJ	1,14E+00	5,51E-01	9,10E-01	2,60E+00	3,63E-01	9,62E-04	ND	4,72E-02	1,53E-01	4,52E-02	5,21E-02	-9,49E-02						
Water use ⁵⁾	m ³ e depr.	2,12E-01	2,69E-03	1,89E-01	4,04E-01	1,81E-03	2,17E-03	ND	1,18E-04	7,54E-04	1,13E-04	1,50E-04	-1,18E-02						

1) GWP = Global Warming Potential; 2) EP = Eutrophication potential. Required characterisation method and data are in kg P-eq. Multiply by 3,07 to get PO₄e; 3) POCP = Photochemical ozone formation; 4) ADP = Abiotic depletion potential; 5) EN 15804+A2 disclaimer for Abiotic depletion and Water use and optional indicators except Particulate matter and Ionizing radiation, human health. The results of these environmental impact indicators shall be used with care as the uncertainties on these results are high or as there is limited experience with the indicator.

ADDITIONAL (OPTIONAL) ENVIRONMENTAL IMPACT INDICATORS – EN 15804+A2, EF 3.1

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Particulate matter	Incidence	3,73E-09	3,29E-09	6,06E-10	7,62E-09	1,90E-09	3,27E-12	ND	9,25E-10	8,59E-10	6,76E-09	3,42E-10	-7,34E-10						
Ionizing radiation ⁶⁾	kBq 11235a	8,52E-01	6,16E-04	4,41E-02	8,96E-01	4,68E-04	1,97E-05	ND	2,09E-05	1,96E-04	2,00E-05	3,27E-05	-6,67E-04						
Ecotoxicity (freshwater)	CTUe	4,31E-01	6,22E-02	2,83E-01	7,76E-01	4,83E-02	1,84E-04	ND	2,60E-03	2,02E-02	2,49E-03	4,37E-03	-2,26E-02						
Human toxicity, cancer	CTUh	6,09E-11	6,63E-12	6,91E-12	7,44E-11	4,33E-12	6,72E-14	ND	3,71E-13	1,86E-12	3,55E-13	3,91E-13	-2,11E-12						
Human tox. non-cancer	CTUh	1,03E-09	3,28E-10	1,42E-10	1,50E-09	2,30E-10	3,06E-12	ND	5,87E-12	9,64E-11	5,63E-12	8,99E-12	-6,17E-11						
SQP ⁷⁾	-	7,99E-01	4,89E-01	1,78E-02	1,31E+00	2,19E-01	2,25E-04	ND	3,30E-03	9,13E-02	3,17E-03	1,03E-01	-8,89E-02						

6) EN 15804+A2 disclaimer for Ionizing radiation, human health. This impact category deals mainly with the eventual impact of low-dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionizing radiation from the soil, from radon and from some construction materials is also not measured by this indicator; 7) SQP = Land use related impacts/soil quality.

USE OF NATURAL RESOURCES

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Renew. PER as energy ⁸⁾	MJ	1,14E-01	8,46E-03	4,30E-01	5,53E-01	6,36E-03	1,72E-04	ND	2,99E-04	2,65E-03	2,86E-04	5,03E-04	-8,64E-03						
Renew. PER as material	MJ	2,19E-03	0,00E+00	-2,19E-03	0,00E+00	0,00E+00	0,00E+00	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00						
Total use of renew. PER	MJ	1,16E-01	8,46E-03	4,28E-01	5,53E-01	6,36E-03	1,72E-04	ND	2,99E-04	2,65E-03	2,86E-04	5,03E-04	-8,64E-03						
Non-re. PER as energy	MJ	9,78E-01	5,51E-01	9,10E-01	2,44E+00	3,63E-01	9,62E-04	ND	4,72E-02	1,53E-01	4,52E-02	5,21E-02	-9,49E-02						
Non-re. PER as material	MJ	1,60E-01	0,00E+00	-1,60E-01	0,00E+00	0,00E+00	0,00E+00	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00						
Total use of non-re. PER	MJ	1,14E+00	5,51E-01	7,51E-01	2,44E+00	3,63E-01	9,62E-04	ND	4,72E-02	1,53E-01	4,52E-02	5,21E-02	-9,49E-02						
Secondary materials	kg	1,63E-01	2,48E-04	2,90E-07	1,64E-01	1,69E-04	3,66E-06	ND	1,96E-05	7,03E-05	1,88E-05	1,31E-05	-1,06E-04						
Renew. secondary fuels	MJ	1,11E-02	2,70E-06	4,56E-09	1,11E-02	2,13E-06	2,43E-09	ND	5,12E-08	8,87E-07	4,91E-08	2,71E-07	-7,30E-07						
Non-ren. secondary fuels	MJ	1,80E-02	0,00E+00	0,00E+00	1,80E-02	0,00E+00	0,00E+00	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00						
Use of net fresh water	m ³	2,72E-03	7,63E-05	1,06E-03	3,86E-03	4,95E-05	1,81E-04	ND	3,12E-06	2,07E-05	2,99E-06	5,42E-05	-2,81E-04						

8) PER = Primary energy resources.

END OF LIFE – WASTE

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Hazardous waste	kg	9,80E-04	8,05E-04	4,71E-04	2,26E-03	5,28E-04	5,91E-06	ND	5,25E-05	2,20E-04	5,03E-05	5,75E-05	-7,41E-04						
Non-hazardous waste	kg	3,65E-02	1,54E-02	1,01E-02	6,20E-02	1,11E-02	1,78E-03	ND	7,15E-04	4,65E-03	6,86E-04	1,31E-03	-1,32E-02						
Radioactive waste	kg	2,01E-05	1,52E-07	1,68E-05	3,71E-05	1,16E-07	5,06E-09	ND	5,12E-09	4,86E-08	4,91E-09	7,98E-09	-1,61E-07						

END OF LIFE – OUTPUT FLOWS

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Components for re-use	kg	7,14E-06	0,00E+00	0,00E+00	7,14E-06	0,00E+00	0,00E+00	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00						
Materials for recycling	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	0,00E+00	0,00E+00	7,90E-01	0,00E+00	0,00E+00						
Materials for energy rec	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00						
Exported energy	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00						
Exported energy – Electricity	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00						
Exported energy –	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00						

ENVIRONMENTAL IMPACTS – EN 15804+A1, CML

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Global Warming Pot.	kg CO ₂ e	1,19E-01	3,75E-02	5,73E-03	1,62E-01	2,56E-02	5,39E-05	ND	3,59E-03	1,09E-02	3,44E-03	2,10E-03	-7,87E-03						
Ozone depletion Pot.	kg CFC ₁₁ e	2,34E-09	5,96E-10	2,76E-10	3,21E-09	4,09E-10	6,58E-13	ND	4,37E-11	1,73E-10	4,19E-11	4,88E-11	-5,20E-11						
Acidification	kg SO ₂ e	2,59E-04	1,83E-04	5,60E-05	4,97E-04	4,31E-05	2,40E-07	ND	2,29E-05	2,60E-05	2,19E-05	1,11E-05	-3,75E-05						
Eutrophication	kg PO ₄ ³ e	2,37E-04	2,74E-05	1,46E-05	2,79E-04	1,09E-05	4,06E-08	ND	5,34E-06	6,60E-06	5,13E-06	3,54E-06	-7,28E-06						
POCP (“smog”)	kg C ₂ H ₄ e	2,13E-05	1,22E-05	2,68E-06	3,62E-05	4,56E-06	1,83E-08	ND	1,71E-06	2,48E-06	1,64E-06	1,05E-06	-3,30E-06						
ADP-elements	kg Sbe	4,88E-07	9,60E-08	1,44E-07	7,28E-07	8,40E-08	2,90E-10	ND	1,26E-09	3,49E-08	1,20E-09	3,31E-09	-4,16E-08						
ADP-fossil	MJ	9,14E-01	5,41E-01	9,10E-01	2,37E+00	3,55E-01	6,15E-04	ND	4,68E-02	1,50E-01	4,49E-02	5,16E-02	-8,43E-02						

ADDITIONAL INDICATOR – GWP-GHG

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP-GHG ⁹⁾	kg CO ₂ e	1,23E-01	3,78E-02	4,89E-03	1,66E-01	2,58E-02	5,41E-05	ND	3,61E-03	1,09E-02	3,46E-03	2,12E-03	-7,91E-03						

9) This indicator includes all greenhouse gases excluding biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. In addition, the characterisation factors for the flows – CH₄ fossil, CH₄ biogenic and Dinitrogen monoxide – were updated. This indicator is identical to the GWP-total of EN 15804:2012+A2:2019 except that the characterisation factor for biogenic CO₂ is set to zero.

THIRD-PARTY VERIFICATION STATEMENT

EPD Hub declares that this EPD is verified in accordance with ISO 14025 by an independent, third-party verifier. The project report on the Life Cycle Assessment and the report(s) on features of environmental relevance are filed at EPD Hub. EPD Hub PCR and ECO Platform verification checklist are used.

EPD Hub is not able to identify any unjustified deviations from the PCR and EN 15802+A2 in the Environmental Product Declaration and its project report.

EPD Hub maintains its independence as a third-party body; it was not involved in the execution of the LCA or in the development of the declaration and has no conflicts of interest regarding this verification.

The company-specific data and upstream and downstream data have been examined as regards plausibility and consistency. The publisher is responsible for ensuring the factual integrity and legal compliance of this declaration.

The software used in creation of this LCA and EPD is verified by EPD Hub to conform to the procedural and methodological requirements outlined in ISO 14025:2010, ISO 14040/14044, EN 15804+A2, and EPD Hub Core Product Category Rules and General Program Instructions.

[Verified tools](#)

Tool verifier: Magaly Gonzalez Vazquez

Tool verification validity: 27 March 2025 - 26 March 2028

HaiHa Nguyen, as an authorized verifier acting for EPD Hub Limited
04.02.2026

