



ENVIRONMENTAL PRODUCT DECLARATION

IN ACCORDANCE WITH EN 15804+A2 & ISO 14025

Easy-Clickfals / Easy Click
Areco Profiles DK



EPD HUB, HUB-6503

Published on 28.05.2026, last updated on 28.05.2026, valid until 28.05.2031

Life Cycle Assessment study has been performed in accordance with the requirements of EN 15804, EPD Hub PCR version 1.2 (24 Mar 2025) and JRC characterization factors EF 3.1.



Created with One Click LCA



GENERAL INFORMATION

MANUFACTURER

Manufacturer	Areco Profiles DK
Address	Industriparken 22, 9575 Terndrup, Danmark
Contact details	info@areco.se
Website	https://www.arecoprofiles.dk

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 1.2, 24 Mar 2025
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	Sofia Gustavsson
EPD verification	Independent verification of this EPD and data, according to ISO 14025: ☐ Internal verification ☒ External verification
EPD verifier	Yazan Badour as an authorized verifier for EPD Hub

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	Easy-Clickfals / Easy Click
Additional labels	Easy-Clickfals 500, Easy-Clickfals 500-426, Easy-Clickfals 500-164, Easy-Clickfals 500-Micro Polyester/PolyMax/Green Coat Pro BT/Green Coat Pural BT/Karat
Product reference	
Place(s) of raw material origin	Global
Place of production	Terndrup, Denmark
Place(s) of installation and use	Nordic Countries
Period for data	FY 2025
Averaging in EPD	No grouping
Variation in GWP-fossil for A1-A3 (%)	<10%
GTIN (Global Trade Item Number)	-
NOBB (Norwegian Building Product Database)	-
A1-A3 Specific data (%)	75,3

ENVIRONMENTAL DATA SUMMARY

Declared unit	1 Kg
Declared unit mass	1 kg
Mass of packaging	0,0398 kg
GWP-fossil, A1-A3 (kgCO ₂ e)	3,76
GWP-total, A1-A3 (kgCO ₂ e)	3,76
Total energy use, A1-A3 (kWh)	12,2
Net freshwater use, A1-A3 (m ³)	0,16

PRODUCT AND MANUFACTURER

ABOUT THE MANUFACTURER

PRODUCT DESCRIPTION

Easy-Click is an exciting alternative to the traditional tape coverage. It is easy and quick to install with the click system, which has no visible screws. The board is delivered in fixed dimensions - adapted to the individual project and in two designs - with or without design traces. Easy-Click is available in various colours and coatings: Polyester, PolyMax, Karat, GreenCoat Pro BT or GreenCoat Pural BT.

Further information can be found at:
<https://www.arecoprofiles.dk>

PRODUCT RAW MATERIAL MAIN COMPOSITION

Raw material category	Amount, mass %	Material origin
Metals	99	Global
Minerals	0	
Fossil materials	1	Nordic
Bio-based materials		

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	0,0398

FUNCTIONAL UNIT AND SERVICE LIFE

Declared unit	1 Kg
Mass per declared unit	1 kg
Functional unit	Not defined. The declared unit (1 kg of product) is used for all environmental impact results.
Reference service life	60 years

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	ND	ND	ND	ND	ND	ND	ND	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

Not declared = ND.

MANUFACTURING AND PACKAGING (A1-A3)

The environmental impacts considered for the product stage cover the manufacturing of raw materials used in the production as well as packaging materials and other ancillary materials. Also, fuels used by machines, and handling of waste formed in the production processes at the manufacturing facilities are included in this stage. The study also considers the material losses occurring during the manufacturing processes as well as losses during electricity transmission.

A market-based approach is used in modelling the electricity mix utilized in the factory.

The use of green energy in manufacturing is demonstrated through contractual instruments (GOs, RECs, etc.), and its use is ensured throughout the validity period of this EPD.

TRANSPORT AND INSTALLATION (A4-A5)

Transportation impacts occurred from final products delivery to construction site (A4) cover fuel direct exhaust emissions, environmental impacts of fuel production, as well as related infrastructure emissions.

PRODUCT END OF LIFE (C1-C4, D)

At the end of its service life, the product is assumed to be dismantled and collected separately. The product consists predominantly of steel (~99%), which is assumed to be fully directed to recycling processes.

A collection rate of 100% is assumed, with all collected steel directed to recycling processes, corresponding to 1.05 kg of material sent collected for recycling per declared unit.

The end-of-life scenario includes the following assumptions:

C1 (Deconstruction): Manual/mechanical dismantling with negligible impacts

C2 (Transport): Transport of waste to recycling facility (lorry transport assumed)

C3 (Waste processing): Shredding and sorting of steel prior to recycling

C4 (Disposal): No landfill is assumed for steel fractions

No reuse or energy recovery of steel is assumed. Small amounts of polymer-based coating materials are assumed to be incinerated with energy recovery.

Module D includes benefits and loads beyond the system boundary from recycling and energy recovery processes in accordance with EN 15804+A2 and the cut-off approach.

For steel, a substitution factor of 0.8 has been applied to reflect realistic collection losses and quality differences between secondary and primary material streams. This means that 80% of the collected steel scrap is assumed to replace primary steel production.

The substitution is modelled using:

Avoided production of primary (BOF) steel

Credits for electric arc furnace (EAF) steel production using recycled content

In addition, small amounts of polyethylene are assumed to be recycled, and combustible fractions are assumed to undergo energy recovery, resulting in:

Electricity generation credits

Heat generation credits

The resulting Module D value is positive, indicating net environmental benefits. These benefits are mainly driven by:

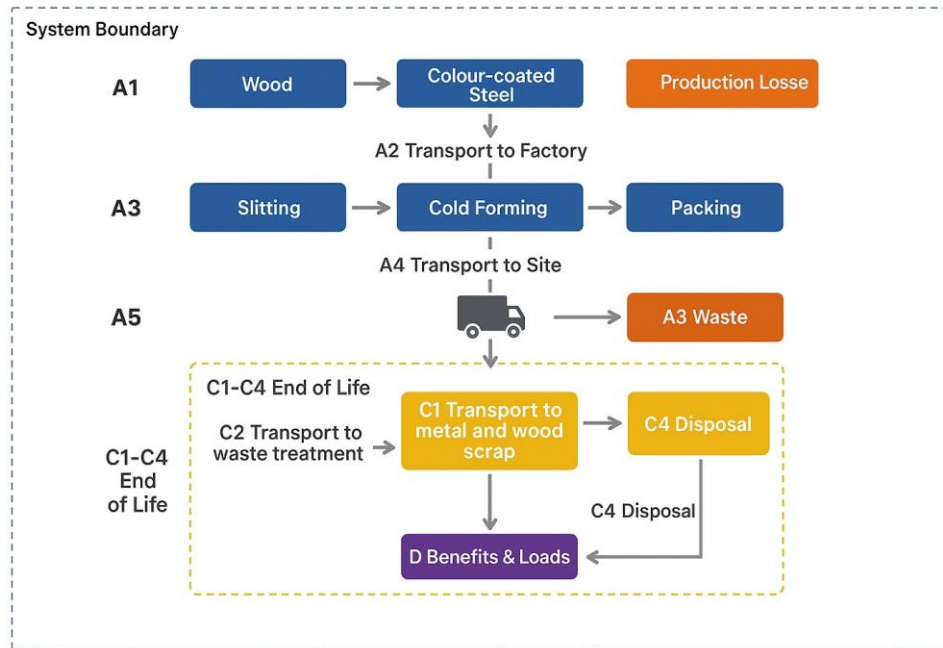
High recycling potential of steel

Avoided impacts from primary steel production

Additional credits from energy recovery of minor material fractions

No co-product allocation is applied to Module D flows; only system expansion for recycling and recovery is considered, in accordance with EN 15804+A2.

MANUFACTURING PROCESS



LIFE-CYCLE ASSESSMENT

CUT-OFF CRITERIA

The study does not exclude any modules or processes which are stated mandatory in the reference standard and the applied PCR. The study does not exclude any hazardous materials or substances. The study includes all major raw material and energy consumption. All inputs and outputs of the unit processes, for which data is available for, are included in the calculation. There is no neglected unit process more than 1% of total mass or energy flows. The module specific total neglected input and output flows also do not exceed 5% of energy usage or mass.

The production of capital equipment, construction activities, and infrastructure, maintenance and operation of capital equipment, personnel-related activities, energy and water use related to company management and sales activities are excluded.

VALIDATION OF DATA

Data collection for production, transport, and packaging was conducted using time and site-specific information, as defined in the general information section on page 1 and 2. Upstream process calculations rely on generic data as defined in the Bibliography section. Manufacturer-provided specific and generic data were used for the product's manufacturing stage. 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.

ALLOCATION, ESTIMATES AND ASSUMPTIONS

Allocation is required if some material, energy, and waste data cannot be measured separately for the product under investigation. All allocations are done as per the reference standards and the applied PCR. In this study, allocation has been done in the following ways:

Data type	Allocation
Raw materials	No allocation
Packaging material	Physical Properties
Ancillary materials	Not applicable
Manufacturing energy and waste	Physical Properties

Module D – loads and benefits under co-product allocation

No loads or benefits have been declared in Module D for any material flows that fall under co-product allocation.

All co-product streams have been treated according to the allocation procedures in the LCA model (e.g., mass, economic, or system expansion), and Module D includes only flows that are permitted under EN 15804+A2 and the applicable PCR, excluding all co-product-related exchanges.

PRODUCT & MANUFACTURING SITES GROUPING

Type of grouping	No grouping
Grouping method	Not applicable
Variation in GWP-fossil for A1-A3, %	<10%

This EPD is product and factory specific.

LCA SOFTWARE AND BIBLIOGRAPHY

This EPD has been created using One Click LCA EPD Generator for EPD Hub V3 and EPD Process Certification v3.2.5. The LCA and EPD have been prepared according to the reference standards and ISO 14040/14044. The EPD Generator uses Ecoinvent v3.10.1/3.11/3.12 and One Click LCA databases as sources of environmental data. Allocation used in Ecoinvent 3.10.1/3.11/3.12 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	2,50E+00	1,25E+00	7,26E-03	3,76E+00	3,23E-02	3,48E-03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,02E-02	4,03E-02	0,00E+00	1,23E+00
GWP – fossil	kg CO ₂ e	2,50E+00	1,25E+00	7,22E-03	3,76E+00	3,22E-02	3,48E-03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,02E-02	2,29E-02	0,00E+00	1,24E+00
GWP – biogenic	kg CO ₂ e	6,91E-04	-5,40E-05	1,91E-05	6,56E-04	8,43E-06	1,98E-06	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,01E-06	1,73E-02	0,00E+00	-4,72E-03
GWP – LULUC	kg CO ₂ e	3,98E-03	6,01E-04	1,96E-05	4,60E-03	1,71E-05	3,36E-06	ND	ND	ND	ND	ND	ND	ND	0,00E+00	3,59E-06	1,89E-05	0,00E+00	6,85E-05
Ozone depletion pot.	kg CFC-11e	1,26E-08	1,80E-08	1,71E-10	3,08E-08	4,29E-10	4,66E-11	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,02E-10	1,54E-10	0,00E+00	1,66E-09
Acidification potential	mol H ⁺ e	8,22E-03	2,86E-02	2,96E-05	3,68E-02	1,04E-04	1,21E-05	ND	ND	ND	ND	ND	ND	ND	0,00E+00	3,17E-05	1,01E-04	0,00E+00	5,16E-03
EP-freshwater ²⁾	kg Pe	6,98E-04	5,83E-05	3,24E-06	7,59E-04	2,95E-06	7,96E-07	ND	ND	ND	ND	ND	ND	ND	0,00E+00	6,73E-07	8,97E-06	0,00E+00	9,30E-04
EP-marine	kg Ne	1,52E-03	7,49E-03	6,45E-06	9,02E-03	3,08E-05	3,29E-06	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,07E-05	4,79E-05	0,00E+00	1,14E-03
EP-terrestrial	mol Ne	1,90E-02	8,31E-02	7,23E-05	1,02E-01	3,35E-04	3,37E-05	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,16E-04	2,67E-04	0,00E+00	1,24E-02
POCP (“smog”) ³⁾	kg NMVOce	5,66E-03	2,29E-02	2,88E-05	2,86E-02	1,35E-04	1,31E-05	ND	ND	ND	ND	ND	ND	ND	0,00E+00	4,98E-05	7,94E-05	0,00E+00	4,23E-03
ADP-minerals & metals ⁴⁾	kg Sbe	5,90E-05	2,21E-06	6,29E-08	6,13E-05	1,40E-07	1,38E-08	ND	ND	ND	ND	ND	ND	ND	0,00E+00	3,32E-08	4,13E-07	0,00E+00	1,42E-05
ADP-fossil resources	MJ	2,90E+01	1,59E+01	2,01E-01	4,52E+01	4,40E-01	5,14E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,43E-01	1,71E-01	0,00E+00	1,09E+01
Water use ⁵⁾	m ³ e depr.	1,22E+00	5,41E-02	8,68E-03	1,29E+00	2,27E-03	5,83E-04	ND	ND	ND	ND	ND	ND	ND	0,00E+00	7,00E-04	5,37E-03	0,00E+00	2,67E-01

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	1,71E-08	5,85E-08	2,61E-10	7,58E-08	1,95E-09	1,81E-10	ND	ND	ND	ND	ND	ND	ND	0,00E+00	7,98E-10	1,81E-09	0,00E+00	9,62E-08
Ionizing radiation ⁶⁾	kBq 11235e	5,78E-03	9,61E-03	1,66E-03	1,71E-02	4,22E-04	4,26E-04	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,82E-04	2,45E-03	0,00E+00	-6,16E-02
Ecotoxicity (freshwater)	CTUe	9,88E-01	7,55E+00	3,37E-02	8,57E+00	9,16E-02	9,79E-03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,87E-02	2,86E-01	0,00E+00	6,02E+01
Human toxicity, cancer	CTUh	4,37E-11	3,11E-10	2,16E-12	3,57E-10	5,86E-12	7,28E-13	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,73E-12	2,62E-11	0,00E+00	1,82E-10
Human tox. non-cancer	CTUh	1,60E-09	6,34E-09	8,66E-11	8,03E-09	2,68E-10	2,95E-11	ND	ND	ND	ND	ND	ND	ND	0,00E+00	8,95E-11	6,51E-10	0,00E+00	8,64E-09
SQP ⁷⁾	-	4,54E-01	3,23E+00	1,20E-01	3,80E+00	1,86E-01	1,90E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	8,49E-02	8,94E-01	0,00E+00	3,44E+00

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	1,41E+00	1,61E-01	1,23E-01	1,69E+00	7,73E-03	3,96E-03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,47E-03	3,23E-02	0,00E+00	4,80E-01
Renew. PER as material	MJ	0,00E+00	0,00E+00	1,52E+00	1,52E+00	0,00E+00	-2,96E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Total use of renew. PER	MJ	1,41E+00	1,61E-01	1,64E+00	3,21E+00	7,73E-03	-2,96E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,47E-03	3,23E-02	0,00E+00	4,80E-01
Non-re. PER as energy	MJ	2,61E+01	1,59E+01	1,64E-01	4,22E+01	4,40E-01	8,90E-03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,43E-01	1,71E-01	0,00E+00	1,10E+01
Non-re. PER as material	MJ	0,00E+00	0,00E+00	4,27E-02	4,27E-02	0,00E+00	-4,27E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-4,29E-02
Total use of non-re. PER	MJ	2,61E+01	1,59E+01	2,07E-01	4,23E+01	4,40E-01	-3,38E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,43E-01	1,71E-01	0,00E+00	1,09E+01
Secondary materials	kg	1,50E+00	7,23E-03	5,05E-05	1,51E+00	2,35E-04	2,91E-05	ND	ND	ND	ND	ND	ND	ND	0,00E+00	6,53E-05	3,27E-04	0,00E+00	-7,47E-01
Renew. secondary fuels	MJ	4,13E-13	4,08E-05	3,57E-05	7,65E-05	3,02E-06	2,88E-07	ND	ND	ND	ND	ND	ND	ND	0,00E+00	8,25E-07	2,55E-05	0,00E+00	1,18E-04
Non-ren. secondary fuels	MJ	3,48E-25	0,00E+00	0,00E+00	3,48E-25	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Use of net fresh water	m ³	1,63E-01	1,37E-03	2,91E-04	1,64E-01	6,21E-05	1,73E-05	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,92E-05	8,70E-05	0,00E+00	4,10E-03

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	6,40E-04	2,24E-02	5,43E-04	2,35E-02	9,02E-04	1,28E-04	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,05E-04	2,42E-03	0,00E+00	4,30E-01
Non-hazardous waste	kg	6,61E-02	3,72E-01	3,39E-02	4,72E-01	1,76E-02	4,48E-03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	4,32E-03	1,37E-01	0,00E+00	5,16E+00
Radioactive waste	kg	5,95E-02	2,36E-06	3,86E-07	5,95E-02	1,03E-07	1,09E-07	ND	ND	ND	ND	ND	ND	ND	0,00E+00	4,52E-08	6,29E-07	0,00E+00	-1,54E-05

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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Materials for recycling	kg	1,63E+00	0,00E+00	0,00E+00	1,63E+00	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	1,05E+00	0,00E+00	0,00E+00
Materials for energy rec	kg	5,65E-05	0,00E+00	0,00E+00	5,65E-05	0,00E+00	0,00E+00	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Exported energy	MJ	3,01E-11	0,00E+00	0,00E+00	3,01E-11	0,00E+00	-1,06E+00	ND	ND	ND	ND	ND	ND	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	-1,59E-01	ND	ND	ND	ND	ND	ND	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Exported energy – Heat	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-8,96E-01	ND	ND	ND	ND	ND	ND	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	0,00E+00	1,25E+00	1,31E-02	1,26E+00	3,21E-02	3,46E-03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,01E-02	3,68E-02	0,00E+00	1,23E+00
Ozone depletion Pot.	kg CFC ₁₁ e	0,00E+00	1,44E-08	2,46E-10	1,46E-08	3,44E-10	3,75E-11	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,61E-10	1,28E-10	0,00E+00	2,66E-09
Acidification	kg SO ₂ e	0,00E+00	2,26E-02	4,06E-05	2,27E-02	8,07E-05	9,58E-06	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,41E-05	7,99E-05	0,00E+00	4,17E-03
Eutrophication	kg PO ₄ ³ e	0,00E+00	2,72E-03	4,92E-05	2,77E-03	1,97E-05	2,07E-06	ND	ND	ND	ND	ND	ND	ND	0,00E+00	6,14E-06	3,36E-05	0,00E+00	8,87E-04
POCP (“smog”)	kg C ₂ H ₄ e	0,00E+00	1,17E-03	3,01E-06	1,17E-03	7,07E-06	7,67E-07	ND	ND	ND	ND	ND	ND	ND	0,00E+00	2,30E-06	9,69E-06	0,00E+00	6,61E-04
ADP-elements	kg Sbe	0,00E+00	2,16E-06	6,24E-08	2,22E-06	1,36E-07	1,35E-08	ND	ND	ND	ND	ND	ND	ND	0,00E+00	3,24E-08	4,10E-07	0,00E+00	1,42E-05

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
ADP-fossil	MJ	0,00E+00	1,58E+01	1,76E-01	1,60E+01	4,33E-01	4,39E-02	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,40E-01	1,28E-01	0,00E+00	1,20E+01

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	2,50E+00	1,25E+00	7,24E-03	3,76E+00	3,23E-02	3,48E-03	ND	ND	ND	ND	ND	ND	ND	0,00E+00	1,02E-02	2,29E-02	0,00E+00	1,24E+00

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

SCENARIO DOCUMENTATION

DATA SOURCES

Manufacturing energy scenario documentation

1. Market for electricity, medium voltage, Denmark, Ecoinvent, 0.15 kgCO₂e/kWh

Transport scenario documentation - A4 (Transport resources)

1. Market for transport, freight, lorry 3.5-7.5 metric ton, EURO5, 50 km

Transport to the building site (A4) - Scenario documentation

Scenario parameter	Value
Capacity utilization (including empty return) %	
Bulk density of transported products	8000
Volume capacity utilization factor	

Installation at the building site (A5) - Scenario documentation

Scenario parameter	Value
Energy: type and consumption (MJ or kWh)	No significant energy use during installation (manual/mechanical installation).
Water use (m ³)	0 m ³
Ancillary materials: type and mass (kg)	No ancillary materials are required for installation.
Waste materials: type and mass (kg)	Total packaging waste: 0.0398 kg per declared unit - Polyethylene packaging film: 0.0010 kg - Wood packaging: approx. 0.0388 kg
Waste materials: output routes	- Polyethylene film: 100% recycled - Wood packaging: 100% incinerated with energy recovery
Direct emissions (kg)	No direct emissions occur during installation.

End of life (C1-C4) - Scenario documentation

Scenario information	Value
Collection process: collected separately (kg)	1,05 kg
Collection process: Mixed waste (kg)	0 Kg
Recovery: re-use (kg)	0
Recovery: recycling (kg)	1,05
Recovery: energy recovery (kg)	0
Disposal (kg)	0
Scenario assumptions e.g. transportation (mode, km) & other	50 km by lorry (EURO5 or similar)

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 15804+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

Yazan Badour as an authorized verifier for EPD Hub Limited 28.05.2026

