ENVIRONMENTAL PRODUCT DECLARATION

IN ACCORDANCE WITH EN 15804+A2 & ISO 14025

AliClad balcony soffit cladding system

EPD HUB, HUB-5511
Published on 24.02.2026, last updated on 24.02.2026, valid until 24.02.2031

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.

GENERAL INFORMATION

MANUFACTURER

Manufacturer	AliDeck
Address	Suite 1, Europa & Jenner House, Victory Park, 1-2 Trident Close, Medway City Estate, Rochester, ME2 4ER, United Kingdom
Contact details	info@alideck.co.uk
Website	https://www.alideck.co.uk/

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
Scope of the EPD	Cradle to gate with modules C1-C4, D
EPD author	Sam McGarrick (Blue Marble Environmental Partnerships Ltd.)
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	AliClad balcony soffit cladding system
Additional labels	-
Product reference	Individual 120mm flow board dimensions of (6000mm x 120mm x 12.5mm)
Place(s) of raw material origin	UK
Place of production	Rochester, UK
Place(s) of installation and use	UK
Period for data	Calendar Year (2024)
Averaging in EPD	No grouping
Variation in GWP-fossil for A1-A3 (%)	n/a
A1-A3 Specific data (%)	70.2

ENVIRONMENTAL DATA SUMMARY

Declared unit	1 square metre of soffit cladding system
Declared unit mass	10.38 kg
Mass of packaging	0.753 kg
GWP-fossil, A1-A3 ($kgCO_2e$)	6.06E+01
GWP-total, A1-A3 ($kgCO_2e$)	6.23E+01
Secondary material, inputs (%)	38.4
Secondary material, outputs (%)	96.4
Total energy use, A1-A3 (kWh)	307
Net freshwater use, A1-A3 (m^3)	2.4

PRODUCT AND MANUFACTURER

ABOUT THE MANUFACTURER

AliDeck is your total peace-of-mind solution for all non-combustible requirements on balconies, terraces, walkways, and more.

Our aim is to enable our customers to make their balcony, terrace, and walkway projects a success by helping you to purchase the right specification products, every time.

We're on a mission to make decking and balcony projects more successful for all involved and our unique three-stage process is how we achieve this.

Developed with the benefit of decades of experience in aluminium extrusion, the range is fully-compliant with all recent fire legislation changes, fully tested and certified for slip and wear resistance, and comes with a 30 year product warranty.

We continue to invest in product innovation, with the AliDrain Aluminium Drainage, AliRail Modular Balustrades, AliClad Soffit & Cladding, and A-Fence Aluminium Fencing being available to our customers off-the-shelf.

These kit-form balcony component systems and drainage solutions are now the ideal solution for steel fabricators, architects, and developers.

PRODUCT DESCRIPTION

The AliClad System is a range of innovative balcony soffit cladding solutions developed by the makers of the AliDeck range of non-combustible aluminium decking and soffit cladding systems, the UK's leading balcony component provider. The various AliClad cladding options have been designed to deliver cost-effective, off-the-shelf modern soffit cladding systems for steel bolt-on or slide-on balconies that project from the building facade. These options have been designed to provide clean and striking aesthetics, as well as practical functionality, such as wastewater management or creating an imperforate layer to limit fire spread.

Further information can be found at: https://www.alideck.co.uk/

PRODUCT RAW MATERIAL MAIN COMPOSITION

Raw material category	Amount, mass %	Material origin
Metals	99	UK
Minerals	-	-
Fossil materials	1	Europe
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	0.190

FUNCTIONAL UNIT AND SERVICE LIFE

Declared unit	1 square metre of soffit cladding system
Mass per declared unit	10.38 kg
Functional unit	n/a
Reference service life	n/a

SUBSTANCES, REACH - VERY HIGH CONCERN

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

Fig. 1. Example AliClad Flow Board – water management, cladding board and soffit system.

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	ND	ND	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

Modules 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 product is comprised of aluminium extrusions with a powder coating finish. Aluminium extrusions are sourced direct from extruders with a weighted average of transportation distances calculated based on the supply during the reference year. Coating powder is sourced from a single supplier.

Once received the aluminium extrusion is prepared, cut to size and powder coating is applied. Manufacturing involves the use of wash fluids and water used to prepare the extrusion and sheet for coating. Medium voltage electricity, residual mix, is drawn from the grid for use in manufacturing processes. Manufacturing energy consumption has been studied at a process-level based on power consumption and running time of machinery.

Manufacturing waste includes offcuts (scrap aluminium) and wash water. Scrap aluminium is sent to a recycler and this EPD accounts for the processing of waste until the end-of-waste state has been reached.

Transportation to waste treatment is assumed to be 50km via 16-32 tonne lorry. Wastewater treatment has also been modelled. Product packaging includes a layer of cardboard and plastic wrapping applied to the product prior to shipping.

TRANSPORT AND INSTALLATION (A4-A5)

This EPD does not cover the construction phase.
Air, soil, and water impacts during the construction phase have not been studied. Transportation to site varies within the UK and it is assumed that the EPD user will make use of their own transport scenarios. As installation requires only small quantities of energy and no additional materials installation impacts are assumed to be negligible.

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. Once installed the product remains in-situ until it is removed at the end of life of the decking system. Use phase impacts are assumed to be zero.

PRODUCT END OF LIFE (C1-C4, D)

At the end-of-life it is assumed the product is removed using low voltage handheld power tools. The product is assumed to be transported 50km via 16-32 tonne lorry for waste treatment processing. The aluminium is assumed to be recycled at a rate of 96% with the remaining 4% modelled as reaching landfill with no benefits[1]. Coating powder is assumed to be fully removed during the metal recycling processes.

Packaging end-of-life varies by material[2]. For plastic packaging it is assumed that 40% is recycled, 37% is incinerated (with energy recovery) and 23% is lost to landfill. Cardboard packaging is assumed to be recycled at a rate of 83%, with 8% incinerated (with energy recovery) and 9% assumed to reach landfill.

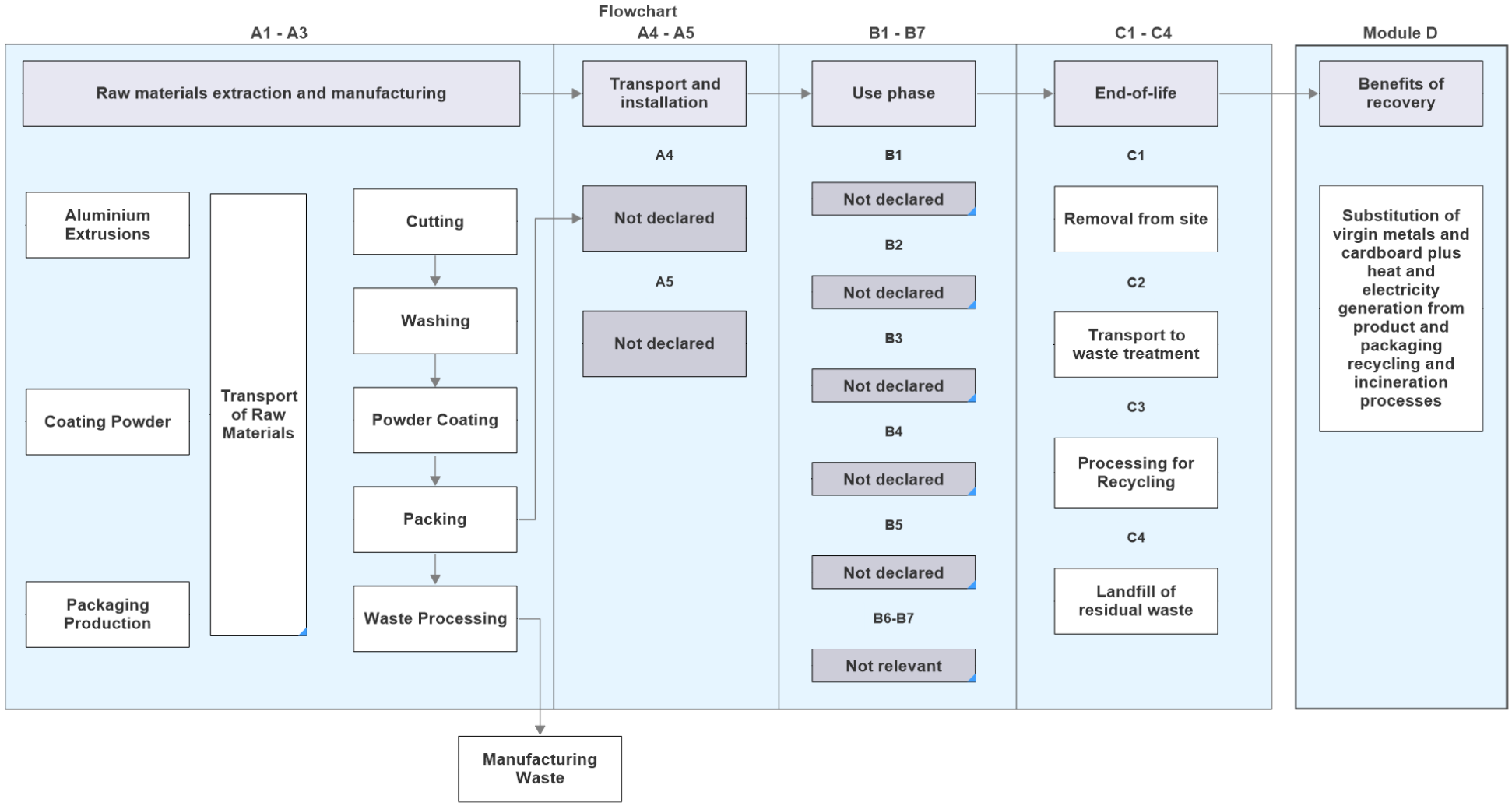
Module D accounts for the benefits of aluminium recycling after first deducting the loads of the recycling process. The benefits are expressed in terms of the avoided impact associated with the production of virgin aluminium. To avoid double counting, secondary material content in the aluminium is not considered in the Module D benefits.

The End-of-Life scenarios are based on realistic scenarios which are currently in use and representative for the United Kingdom.

[1] For assumptions on product end-of-life scenario see RICS v2: https://www.rics.org/content/dam/ricsglobal/documents/standards/Whole_life_carbon_assessment_PS_Sept23.pdf

[2] For assumptions on packaging end-of-life scenario see European Statistics on Waste: https://ec.europa.eu/eurostat/databrowser/view/env_waspac__custom_8519242/default?lang=en

SYSTEM DIAGRAM



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. Raw material and ancillary material packaging are also assumed to be negligible in the context of the product impact and are therefore excluded from this study. Fixings are not included in this EPD.

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	No allocation
Ancillary materials	No allocation
Manufacturing energy and waste	No allocation

PRODUCT & MANUFACTURING SITES GROUPING

Type of grouping	No grouping
Grouping method	Not applicable
Variation in GWP-fossil for A1-A3, %	n/a

This EPD is product and factory specific.

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_2e	6.02E+01	3.38E-01	1.82E+00	6.23E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.53E-02	1.06E-01	5.87E-01	1.64E-02	-3.02E+01
GWP – fossil	kg CO_2e	5.85E+01	3.38E-01	1.80E+00	6.06E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.53E-02	1.06E-01	5.87E-01	1.65E-02	-3.01E+01
GWP – biogenic	kg CO_2e	4.08E-01	7.23E-05	-1.85E-04	4.08E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.74E-06	2.03E-05	-4.89E-04	-1.13E-05	-5.58E-03
GWP – LULUC	kg CO_2e	1.28E+00	1.30E-04	2.11E-02	1.30E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.79E-06	3.79E-05	2.96E-04	3.53E-06	-7.40E-02
Ozone depletion pot.	kg CFC_{-11}e	4.57E-06	7.02E-09	5.34E-08	4.63E-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.30E-09	2.10E-09	3.19E-09	2.37E-10	-1.97E-07
Acidification potential	mol H^+e	3.76E-01	7.88E-04	7.01E-03	3.84E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.20E-04	2.20E-04	2.80E-03	5.36E-05	-1.90E-01
EP-freshwater[2)]	kg Pe	7.13E-03	2.35E-05	5.68E-04	7.72E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.67E-06	7.11E-06	1.50E-04	1.42E-06	-9.47E-03
EP-marine	kg Ne	4.92E-02	2.06E-04	2.27E-03	5.17E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.64E-05	5.28E-05	6.53E-04	1.19E-04	-3.24E-02
EP-terrestrial	mol Ne	1.79E-01	2.22E-03	1.78E-02	1.99E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.74E-04	5.70E-04	7.15E-03	2.15E-04	-3.39E-01
POCP ("smog")[3)]	kg NMVOCe	1.89E-01	1.37E-03	7.87E-03	1.98E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.07E-05	3.66E-04	2.11E-03	9.10E-05	-1.06E-01
ADP-minerals & metals[4)]	kg Sbe	2.88E-04	9.75E-07	9.71E-06	2.98E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.15E-07	3.52E-07	1.61E-05	2.62E-08	-3.48E-04
ADP-fossil resources	MJ	7.50E+02	5.04E+00	3.88E+01	7.94E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.03E+00	1.49E+00	3.18E+00	1.77E-01	-3.05E+02
Water use[5)]	m^3e depr.	7.60E+00	2.57E-02	8.95E-01	8.52E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.41E-03	7.39E-03	6.84E-02	4.63E-03	-5.60E+00

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	5.72E-06	3.21E-08	6.94E-08	5.82E-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.09E-10	7.79E-09	3.75E-08	1.06E-09	-4.34E-06
Ionizing radiation[6]	kBq U235e	1.41E+00	6.18E-03	2.79E-01	1.70E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.84E-02	1.92E-03	2.70E-02	8.71E-04	-5.93E-01
Ecotoxicity (freshwater)	CTUe	9.72E+01	6.03E-01	1.10E+01	1.09E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.82E-02	1.98E-01	1.98E+00	2.78E+01	-1.60E+02
Human toxicity, cancer	CTUh	1.14E-08	5.60E-11	4.38E-10	1.19E-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.83E-12	1.77E-11	2.30E-10	4.10E-12	5.30E-09
Human tox. non-cancer	CTUh	1.76E-07	3.24E-09	1.36E-08	1.93E-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.97E-10	9.40E-10	1.47E-08	6.38E-10	-2.00E-07
SQP[7]	-	1.09E+02	4.92E+00	2.38E+01	1.37E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.61E-02	8.98E-01	6.05E+00	3.15E-01	-5.95E+01

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	3.25E+02	8.32E-02	-9.20E-01	3.24E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.36E-02	2.60E-02	-6.15E+00	-6.48E-01	-2.46E+01
Renew. PER as material	MJ	6.33E-02	0.00E+00	5.96E+00	6.02E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	-5.48E+00	-5.39E-01	5.00E-02
Total use of renew. PER	MJ	3.25E+02	8.32E-02	5.04E+00	3.30E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.36E-02	2.60E-02	-1.16E+01	-1.19E+00	-2.46E+01
Non-re. PER as energy	MJ	7.50E+02	5.04E+00	2.65E+01	7.81E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.03E+00	1.49E+00	-5.89E+00	-2.42E+00	-3.05E+02
Non-re. PER as material	MJ	2.86E+00	0.00E+00	1.23E+01	1.51E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	-1.22E+01	-2.93E+00	4.89E+00
Total use of non-re. PER	MJ	7.53E+02	5.04E+00	3.88E+01	7.97E+02	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.03E+00	1.49E+00	-1.81E+01	-5.35E+00	-3.00E+02
Secondary materials	kg	3.99E+00	2.18E-03	4.67E-01	4.46E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.05E-04	6.90E-04	4.34E-03	1.10E-04	6.98E+00
Renew. secondary fuels	MJ	5.38E-04	2.72E-05	5.20E-02	5.25E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.76E-07	8.73E-06	1.76E-04	1.03E-06	-3.43E-04
Non-ren. secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND	ND	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	2.38E+00	7.41E-04	2.18E-02	2.40E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.78E-04	2.03E-04	1.77E-03	-2.18E-03	-1.81E-01

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	2.81E+00	7.25E-03	1.03E-01	2.92E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.19E-03	2.16E-03	2.61E-02	2.70E-03	-2.59E+00
Non-hazardous waste	kg	4.71E+01	1.47E-01	1.57E+01	6.29E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.52E-02	4.56E-02	9.40E-01	3.03E+00	-4.83E+01
Radioactive waste	kg	3.26E-03	1.53E-06	6.39E-05	3.33E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.96E-06	4.76E-07	6.92E-06	2.01E-07	-1.56E-04

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	ND	ND	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	5.88E-01	0.00E+00	3.28E-01	9.16E-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	1.05E+01	0.00E+00	0.00E+00
Materials for energy rec	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND	ND	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	1.90E+00	0.00E+00	0.00E+00
Exported energy – Electricity	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	7.97E-01	0.00E+00	0.00E+00
Exported energy – Heat	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	1.10E+00	0.00E+00	0.00E+00

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_2e	5.98E+01	3.38E-01	1.83E+00	6.19E+01	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.53E-02	1.06E-01	5.88E-01	1.65E-02	-3.02E+01

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

Manufacturing energy scenario documentation

Scenario parameter	Value
Electricity data source and quality	Electricity, medium voltage, residual mix (Reference product: electricity, medium voltage)
Electricity kg CO2e / kWh	0.44 kg CO2 eq. / kWh
District heating data source and quality	n/a
District heating kg CO2e / kWh	n/a

End of life scenario documentation

Scenario information	Value
Collection process – kg collected separately	10.38
Collection process – kg collected with mixed construction waste	-
Recovery process – kg for re-use	-
Recovery process – kg for recycling	9.97
Recovery process – kg for energy recovery	-
Disposal (total) – kg for final deposition	0.41
Scenario assumptions e.g. transportation	50km via 16-32 tonne lorry, densely packed aluminium profiles with bulk density of 2000kg/m3 and a vehicle capacity utilisation of 50% (including empty returns)

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 24.02.2026

VERIFIED ISO 14025