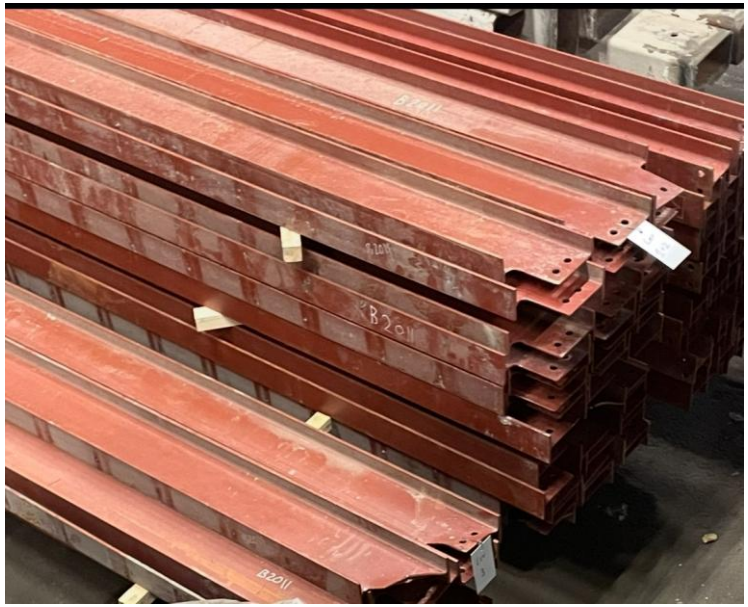


ENVIRONMENTAL PRODUCT DECLARATION

IN ACCORDANCE WITH EN 15804+A2 & ISO 14025 / ISO 21930

Re-use Nordics
TIBNOR (SE)



EPD HUB, HUB-3397
Published on 30.05.2025, last updated on 30.05.2025, valid until 30.05.2030

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

TIBNOR

GENERAL INFORMATION

MANUFACTURER

Manufacturer	TIBNOR (SE)
Address	Sundbybergsvägen 1, , 171 73, Solna, , SE
Contact details	objekt@tibnor.com
Website	www.tibnor.se

EPD STANDARDS, SCOPE AND VERIFICATION

Program operator	EPD Hub, hub@epdhub.com
Reference standard	EN 15804+A2:2019 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	Patrik Bjelovuk
EPD verification	Independent verification of this EPD and data, according to ISO 14025: ☐ Internal verification ☑ External verification
EPD verifier	Imane Uald Lamkaddam 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	Re-use Nordics
Additional labels	
Product reference	MVR B04:2021.SIS-CEN/TS 1090-201:2024
Place(s) of raw material origin	-
Place of production	Sweden,Norway,Denmark,Finland
Place(s) of installation and use	-
Period for data	Calender year 2024
Averaging in EPD	Multiple products
Variation in GWP-fossil for A1-A3 (%)	-
GTIN (Global Trade Item Number)	-

ENVIRONMENTAL DATA SUMMARY

Declared unit	1 kg of steel Re-used steelproducts
Declared unit mass	1 kg
GWP-fossil, A1-A3 ($kgCO_2e$)	0,0543kg
GWP-total, A1-A3 ($kgCO_2e$)	0,0541kg
Secondary material, inputs (%)	100
Secondary material, outputs (%)	99
Total energy use, A1-A3 (kWh)	0,27
GWP- GHG, A1-A3 (kgCO2e)	0,0545

PRODUCT AND MANUFACTURER

ABOUT THE MANUFACTURER

Tibnor supplies steel, metals and production services to the industry in the Nordics and Baltics. We are driven to make a difference for all our customers. For we, just like them, have to work harder, smarter and better to compete in global competition. As a modern distributor of steel and metals, we understand that our role extends far beyond the actual delivery. We make a difference! We are the natural choice

PRODUCT DESCRIPTION

Reused steel plays a crucial role in sustainable construction by reducing the need for virgin material extraction and minimizing environmental impact. Structural steel elements, originally designed for one application, can often be reclaimed, inspected, and repurposed for new construction projects, maintaining their high strength and durability.

Steel components, such as beams, hollow sections and merchant bars, are typically recovered from deconstructed buildings or infrastructure. These elements undergo quality assessments, including mechanical testing and surface preparation, ensuring they meet the structural requirements of their new application.

Production remnants that have been in the system for over 6 months can be included in the category of re-use as these remnants will be scrap otherwise. By considering production remnants as a resource for re-use rather than as future scrap, the entire industry can reduce its environmental impact.

Further information can be found at:
www.tibnor.se

PRODUCT RAW MATERIAL MAIN COMPOSITION

Raw material category	Amount, mass %	Material origin
Metals	100	EU
Minerals		
Fossil materials		
Bio-based materials		

BIOGENIC CARBON CONTENT

Product's biogenic carbon content at the factory gate

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

FUNCTIONAL UNIT AND SERVICE LIFE

Declared unit	1 kg of steel Re-used steelproducts
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 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.

Tibnor purchase beams, hollow sections and merchant bars from several suppliers including construction sites (A1). The exact allocation of volume between suppliers and sites varies over the years depending on availability and cost.

The re-used material are delivered to Tibnors production sites (A2) where they can be cut and processed according to the customers wishes and requirements or delivered to the customer in lengths (A3).

Some beams are delivered directly from the supplier to the customer. The transport from suppliers is done by truck , the products are always bundled.

When sent to customers from Tibnor´s site the products are either bundled or also secured with steel strip with clips, if cut in short pieces EU pallets can be used.

Electricity used at the site is fossil free, waste from production is steel scrap (A3).

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.

The transportation process in module A4 comprises impacts from transportation of the products from Tibnor's Warehouses to the customer in the Sweden, Norway, Denmark, Finland and the Baltics.

Delivery to customer site is from Tibnor´s warehouse (A4). Transportation from Tibnor´s warehouse is done by truck (Euro 6). Vehicle capacity utilization is at least 70% A5 is excluded.

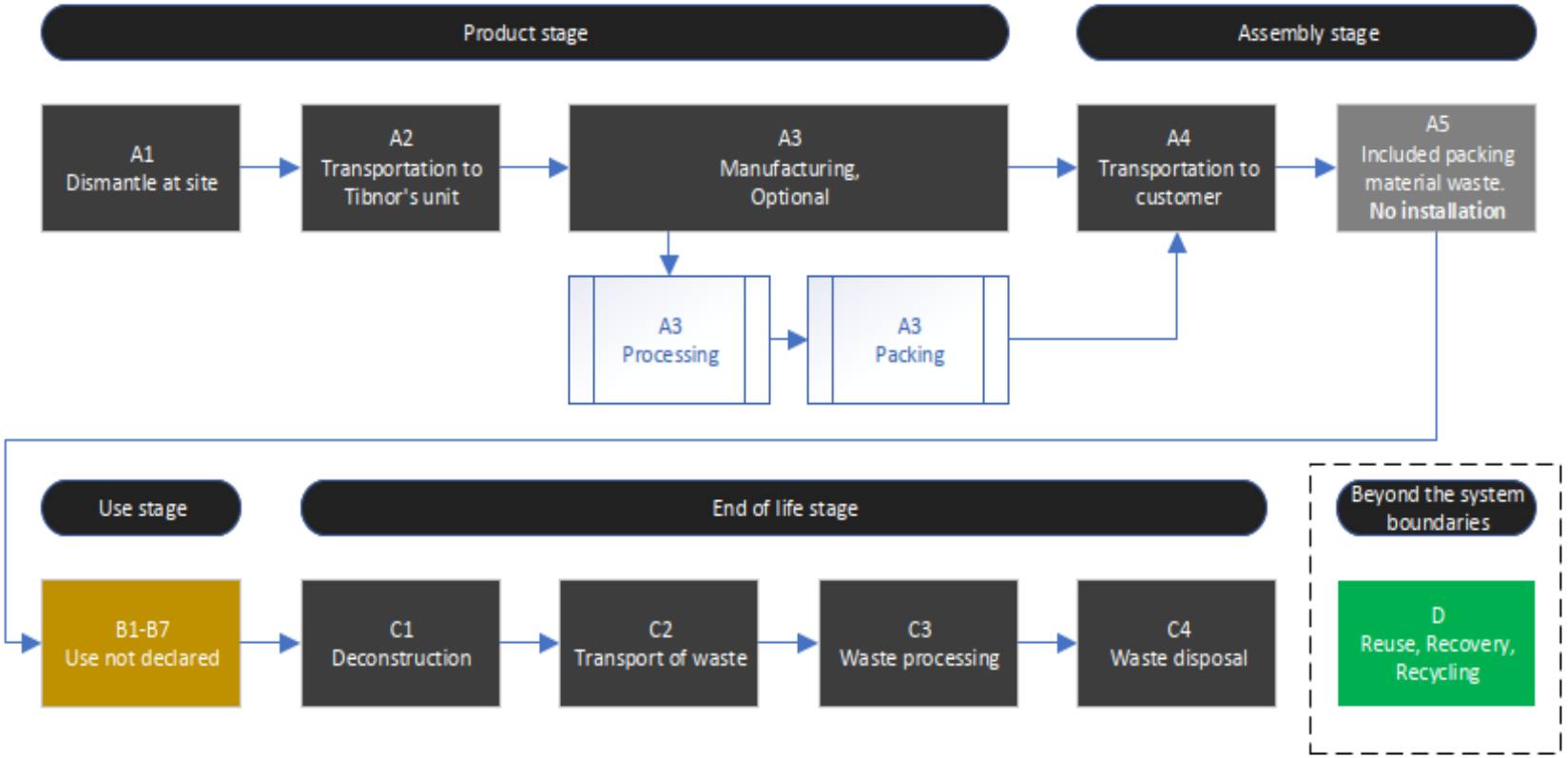
PRODUCT USE AND MAINTENANCE (B1-B7)

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)

Demolition is assumed to consume 0,01 kWh/kg of product. The source of energy is diesel fuel used by construction machines (C1). It is assumed that 100% of the waste is collected and transported to the waste treatment center. Transportation distance to treatment is assumed as 20 km and the transportation method is assumed to be lorry (C2). Approximately 88% of steel(hot rolled) is assumed to be recycled (C3). It is assumed that the remaining 12 % of steel is divided between 11% re-use and 1% taken to landfill for final disposal (C4). Due to the recycling process, the end-of-life product is converted into recycled steel, while the wooden pallet is incinerated for energy recovery (D)

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	Not applicable
Ancillary materials	Not applicable
Manufacturing energy and waste	Allocated by mass or volume

PRODUCT & MANUFACTURING SITES GROUPING

Type of grouping	Multiple products
Grouping method	Based on worst-case results
Variation in GWP-fossil for A1-A3, %	

The average in this EPD is from multiple products due to that this is Re-USE all material for this EPD is re-use.

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 and One Click LCA databases as sources of environmental data. Allocation used in Ecoinvent 3.10.1 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, PEF

Impact category	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP – total[1)]	kg CO_2e	5,41E-02	5,70E-02	3,68E-04	MND	MND	MND	MND	MND	MND	MND	3,61E-03	2,15E-03	1,99E-02	6,25E-05	-6,12E-06
GWP – fossil	kg CO_2e	5,43E-02	5,69E-02	8,53E-06	MND	MND	MND	MND	MND	MND	MND	3,60E-03	2,15E-03	1,99E-02	6,24E-05	-6,11E-06
GWP – biogenic	kg CO_2e	-3,59E-04	0,00E+00	3,59E-04	MND	MND	MND	MND	MND	MND	MND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
GWP – LULUC	kg CO_2e	1,17E-04	2,04E-05	1,30E-08	MND	MND	MND	MND	MND	MND	MND	3,69E-07	9,63E-07	2,45E-05	3,57E-08	-1,21E-08
Ozone depletion pot.	kg $CFC\text{-}_{11}$e	1,18E-09	1,13E-09	1,41E-13	MND	MND	MND	MND	MND	MND	MND	5,52E-11	3,18E-11	2,67E-10	1,81E-12	-9,26E-14
Acidification potential	mol H^+e	1,11E-04	1,18E-04	4,73E-08	MND	MND	MND	MND	MND	MND	MND	3,25E-05	7,34E-06	2,37E-04	4,43E-07	-3,97E-08
EP-freshwater[2)]	kg Pe	3,71E-06	3,83E-06	2,27E-09	MND	MND	MND	MND	MND	MND	MND	1,04E-07	1,68E-07	1,28E-05	5,13E-09	-2,11E-09
EP-marine	kg Ne	2,75E-05	2,85E-05	5,06E-08	MND	MND	MND	MND	MND	MND	MND	1,51E-05	2,41E-06	5,24E-05	1,69E-07	-4,81E-08
EP-terrestrial	mol Ne	2,95E-04	3,07E-04	1,92E-07	MND	MND	MND	MND	MND	MND	MND	1,65E-04	2,62E-05	5,92E-04	1,84E-06	-1,65E-07
POCP ("smog")[3)]	kg NMVOCe	2,04E-04	1,97E-04	6,33E-08	MND	MND	MND	MND	MND	MND	MND	4,93E-05	1,08E-05	1,75E-04	6,60E-07	-5,14E-08
ADP-minerals & metals[4)]	kg Sbe	1,87E-07	1,90E-07	2,30E-11	MND	MND	MND	MND	MND	MND	MND	1,29E-09	6,01E-09	1,41E-06	9,92E-11	-1,51E-11
ADP-fossil resources	MJ	8,78E-01	8,01E-01	1,22E-04	MND	MND	MND	MND	MND	MND	MND	4,72E-02	3,12E-02	2,67E-01	1,53E-03	-8,76E-05
Water use[5)]	m^3e depr.	9,97E-03	3,98E-03	3,26E-06	MND	MND	MND	MND	MND	MND	MND	1,18E-04	1,54E-04	4,80E-03	4,42E-06	-3,09E-06

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, PEF

Impact category	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Particulate matter	Incidence	3,77E-09	4,20E-09	8,40E-13	MND	MND	MND	MND	MND	MND	MND	9,25E-10	2,16E-10	3,21E-09	1,01E-11	-6,50E-13
Ionizing radiation[6)]	kBq U235e	9,39E-03	1,03E-03	3,16E-07	MND	MND	MND	MND	MND	MND	MND	2,09E-05	2,72E-05	2,26E-03	9,63E-07	-2,72E-07
Ecotoxicity (freshwater)	CTUe	1,01E-01	1,07E-01	4,03E-05	MND	MND	MND	MND	MND	MND	MND	2,60E-03	4,42E-03	1,55E-01	1,29E-04	-3,59E-05
Human toxicity, cancer	CTUh	9,73E-12	9,55E-12	4,15E-15	MND	MND	MND	MND	MND	MND	MND	3,71E-13	3,55E-13	1,78E-11	1,15E-14	-3,74E-15
Human tox. non-cancer	CTUh	4,70E-10	5,07E-10	2,28E-13	MND	MND	MND	MND	MND	MND	MND	5,87E-12	2,02E-11	1,21E-09	2,64E-13	-2,06E-13
SQP[7)]	-	4,76E-01	4,84E-01	1,13E-04	MND	MND	MND	MND	MND	MND	MND	3,30E-03	3,15E-02	5,19E-01	3,02E-03	-9,31E-05

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-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Renew. PER as energy[8)]	MJ	9,39E-02	1,40E-02	-3,67E-03	MND	MND	MND	MND	MND	MND	MND	2,99E-04	4,28E-04	4,98E-02	1,48E-05	3,67E-03
Renew. PER as material	MJ	3,14E-03	0,00E+00	-3,14E-03	MND	MND	MND	MND	MND	MND	MND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Total use of renew. PER	MJ	9,71E-02	1,40E-02	-6,82E-03	MND	MND	MND	MND	MND	MND	MND	2,99E-04	4,28E-04	4,98E-02	1,48E-05	3,67E-03
Non-re. PER as energy	MJ	8,78E-01	8,01E-01	1,22E-04	MND	MND	MND	MND	MND	MND	MND	4,72E-02	3,12E-02	2,67E-01	1,53E-03	-8,77E-05
Non-re. PER as material	MJ	2,08E-04	0,00E+00	-2,08E-04	MND	MND	MND	MND	MND	MND	MND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Total use of non-re. PER	MJ	8,78E-01	8,01E-01	-8,59E-05	MND	MND	MND	MND	MND	MND	MND	4,72E-02	3,12E-02	2,67E-01	1,53E-03	-8,77E-05
Secondary materials	kg	1,00E+00	3,72E-04	8,07E-08	MND	MND	MND	MND	MND	MND	MND	1,96E-05	1,33E-05	3,26E-04	3,85E-07	-6,51E-08
Renew. secondary fuels	MJ	1,10E-04	4,70E-06	8,17E-10	MND	MND	MND	MND	MND	MND	MND	5,12E-08	1,69E-07	1,51E-05	7,97E-09	-6,21E-10
Non-ren. secondary fuels	MJ	0,00E+00	0,00E+00	0,00E+00	MND	MND	MND	MND	MND	MND	MND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Use of net fresh water	m^3	2,49E-04	1,09E-04	-3,17E-07	MND	MND	MND	MND	MND	MND	MND	3,12E-06	4,62E-06	1,42E-04	1,59E-06	3,22E-07

8) PER = Primary energy resources.

END OF LIFE – WASTE

Impact category	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Hazardous waste	kg	1,13E-03	1,16E-03	7,67E-07	MND	MND	MND	MND	MND	MND	MND	5,25E-05	5,29E-05	1,74E-03	1,69E-06	-7,18E-07
Non-hazardous waste	kg	2,37E-02	2,46E-02	5,56E-04	MND	MND	MND	MND	MND	MND	MND	7,15E-04	9,79E-04	6,30E-02	3,87E-05	-5,55E-04
Radioactive waste	kg	2,04E-06	2,57E-07	7,87E-11	MND	MND	MND	MND	MND	MND	MND	5,12E-09	6,66E-09	5,80E-07	2,35E-10	-6,79E-11

END OF LIFE – OUTPUT FLOWS

Impact category	Unit	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	MND	MND	MND	MND	MND	MND	MND	0,00E+00	0,00E+00	1,10E-01	0,00E+00	0,00E+00
Materials for recycling	kg	2,91E-03	0,00E+00	1,55E-04	MND	MND	MND	MND	MND	MND	MND	0,00E+00	0,00E+00	8,80E-01	0,00E+00	0,00E+00
Materials for energy rec	kg	0,00E+00	0,00E+00	0,00E+00	MND	MND	MND	MND	MND	MND	MND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Exported energy	MJ	0,00E+00	0,00E+00	4,00E-04	MND	MND	MND	MND	MND	MND	MND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-4,00E-04
Exported energy – Electricity	MJ	0,00E+00	0,00E+00	1,70E-04	MND	MND	MND	MND	MND	MND	MND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-1,70E-04
Exported energy – Heat	MJ	0,00E+00	0,00E+00	2,30E-04	MND	MND	MND	MND	MND	MND	MND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-2,30E-04

ENVIRONMENTAL IMPACTS – EN 15804+A1, CML / ISO 21930

Impact category	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Global Warming Pot.	kg CO_2e	5,41E-02	5,66E-02	1,39E-05	MND	MND	MND	MND	MND	MND	MND	3,59E-03	2,14E-03	1,98E-02	6,19E-05	-1,15E-05
Ozone depletion Pot.	kg $CFC_{-11}e$	9,45E-10	9,02E-10	1,13E-13	MND	MND	MND	MND	MND	MND	MND	4,37E-11	2,54E-11	2,20E-10	1,44E-12	-7,49E-14
Acidification	kg SO_2e	8,91E-05	9,52E-05	3,51E-08	MND	MND	MND	MND	MND	MND	MND	2,29E-05	5,61E-06	1,90E-04	3,28E-07	-2,94E-08
Eutrophication	kg PO_4^3e	2,50E-05	2,40E-05	1,27E-08	MND	MND	MND	MND	MND	MND	MND	5,34E-06	1,37E-06	2,76E-05	1,04E-07	-1,12E-08
POCP (“smog”)	kg C_2H_4e	9,45E-06	1,01E-05	4,00E-09	MND	MND	MND	MND	MND	MND	MND	1,71E-06	5,00E-07	1,13E-05	3,10E-08	-3,45E-09
ADP-elements	kg Sbe	1,83E-07	1,85E-07	2,21E-11	MND	MND	MND	MND	MND	MND	MND	1,26E-09	5,86E-09	1,41E-06	9,72E-11	-1,43E-11
ADP-fossil	MJ	7,51E-01	7,84E-01	1,16E-04	MND	MND	MND	MND	MND	MND	MND	4,68E-02	3,08E-02	2,28E-01	1,52E-03	-8,32E-05

ENVIRONMENTAL IMPACTS – GWP-GHG - THE INTERNATIONAL EPD SYSTEM

Impact category	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP-GHG[9)]	kg CO_2e	5,45E-02	5,70E-02	8,54E-06	MND	MND	MND	MND	MND	MND	MND	3,61E-03	2,15E-03	1,99E-02	6,25E-05	-6,12E-06

9) This indicator includes all greenhouse gases excluding biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product as defined by IPCC AR 5 (IPCC 2013). In addition, the characterisation factors for the flows - CH4 fossil, CH4 biogenic and Dinitrogen monoxide - were updated in line with the guidance of IES PCR 1.2.5 Annex 1. This indicator is identical to the GWP-total of EN 15804:2012+A2:2019 except that the characterization factor for biogenic CO2 is set to zero.

THIRD-PARTY VERIFICATION STATEMENT

VERIFICATION PROCESS FOR THIS EPD

This EPD has been verified in accordance with ISO 14025 by an independent, third-party verifier by reviewing results, documents and compliancy with reference standard, ISO 14025 and ISO 14040/14044, following the process and checklists of the program operator for:

- This Environmental Product Declaration
- The Life-Cycle Assessment used in this EPD
- The digital background data for this EPD

Why does verification transparency matter? Read more online
This EPD has been generated by One Click LCA EPD generator, which has been verified and approved by the EPD Hub.

THIRD-PARTY VERIFICATION STATEMENT

I hereby confirm that, following detailed examination, I have not established any relevant deviations by the studied Environmental Product Declaration (EPD), its LCA and project report, in terms of the data collected and used in the LCA calculations, the way the LCA-based calculations have been carried out, the presentation of environmental data in the EPD, and other additional environmental information, as present with respect to the procedural and methodological requirements in ISO 14025:2010 and reference standard.

I confirm that the company-specific data has been examined as regards plausibility and consistency; the declaration owner is responsible for its factual integrity and legal compliance.

I confirm that I have sufficient knowledge and experience of construction products, this specific product category, the construction industry, relevant standards, and the geographical area of the EPD to carry out this verification.

I confirm my independence in my role as verifier; I have not been involved in the execution of the LCA or in the development of the declaration and have no conflicts of interest regarding this verification.

Imane Uald Lamkaddam as an authorized verifier for EPD Hub Limited
30.05.2025

