



ENVIRONMENTAL PRODUCT DECLARATION

IN ACCORDANCE WITH EN 15804+A2 & ISO 14025

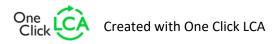
Bankyo Floor system YPE Type Taisei Co., LTD.

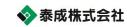


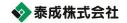
EPD HUB, HUB-3593

Published on 03.07.2025, last updated on 03.07.2025, valid until 02.07.2030 $\,$

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.









一般情報 - GENERAL INFORMATION

メーカー

MANUFACTURER

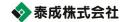
メーカー名 Manufacturer	Taisei Co., LTD.
住所	2-8-34 lizaka, Komagane-shi, Nagano, Japan
Address	
問い合わせ先	takane182@bankyo.co.jp
Contact details	
ウェブサイト	https://www.bankyofloor.com/
Website	

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.

EPD 規格、スコープ、認証機関

EPD STANDARDS, SCOPE AND VERIFICATION

プログラム	EPD Hub, hub@epdhub.com
オペレータ	•
Program operator	
参照規格	EN 15804:2012+A2:2019/AC:2021 and ISO
Reference standard	14025
PCR	EPD Hub Core PCR Version 1.1, 5 Dec 2023
PCR	
製品カテゴリ	Construction product
Sector	
EPD カテゴリ	Third party verified EPD
Category of EPD	
EPD のスコープ	Cradle to gate with modules C1-C4, D
Scope of the EPD	
EPD 申請者	Yuki Takane
EPD author	
EPD 検証	Independent verification of this EPD and data,
EPD verification	according to ISO 14025:
	☐ Internal verification ☐ External verification
EPD 検証	Haiha Nguyen, as an authorized verifier acting
EPD verifier	for EPD Hub Limited





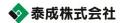
製品 - PRODUCT

Bankyo Floor system YPE Type
_
YPE
TF E
lanan
Japan
5421-1 Shimodaira, Komagane-
shi, Nagano, Japan
lanan
Japan
2024/04~2025/3
2024/04 2025/5
No grouping
No grouping
_

環境影響データ概要 - ENVIRONMENTAL DATA SUMMARY

宣言単位	1m2
Declared unit	
宣言単位あたりの質量	16,77 kg
Declared unit mass	
GWP-fossil, A1-A3 (kgCO2e)	1,34E+01
GWP-fossil, A1-A3 (kgCO2e)	
GWP-total, A1-A3 (kgCO2e)	-7,52E+00
GWP-total, A1-A3 (kgCO2e)	
副資材の投入(%)	0,83
Secondary material, inputs (%)	
副資材のアウトプット(%)	92,2
Secondary material, outputs (%)	
エネルギー使用量計, A1-A3	
(kWh)	214
Total energy use, A1-A3 (kWh)	
水使用量計、A1-A3 (m3)	0,13
Net fresh water use, A1-A3 (m3)	







製品とメーカー-PRODUCT AND MANUFACTURER

メーカーの概要 - ABOUT THE MANUFACTURER

Taisei Co., LTD. is a manufacturer of raised floor system - Bankyo Floor system.

functional floor, rather than just individual parts. In addition to high quality and labor-saving installation, we strive daily to provide products that are friendly to both the Earth and people by reducing environmental impact.

製品説明 - PRODUCT DESCRIPTION

Bankyo Floor system is a flooring system that creates a level floor structure by installing height-adjustable support legs on top of concrete floor slabs. The system consists of support legs (adjustable from 54mm to 1132mm in height) made of a combination of particleboard, metal, and rubber, along with 20mm thick floor panels. The support legs are equipped with anti-vibration rubber at their base, which helps reduce the transmission of floor impact noise to the floor below. Additionally, the space created between the floor surface and the concrete slab enables easy installation of pipes and other utilities.

Further information can be found at: https://www.bankyofloor.com/

主な原材料構成 - PRODUCT RAW MATERIAL MAIN COMPOSITION

原材料カテゴリ	量、質量 - %	原材料源
Raw material category 金属 Metals	Amount, mass- %	Material origin Japan
鉱物 Minerals	-	-
化石原料 Fossil materials	1	Japan, Philippines
バイオマス原料 Bio-based materials	97	Japan

生物起源 CO2 含有量 - BIOGENIC CARBON CONTENT

Product's biogenic carbon content at the factory gate

製品の生物起源 CO2 含有量、kg C Biogenic carbon content in product, kg C	5,75
梱包の生物起源 CO2 含有量、kg C Biogenic carbon content in packaging, kg C	0,0005

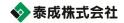
機能単位と耐用年数 - FUNCTIONAL UNIT AND SERVICE LIFE

宣言単位 Declared unit	1m2
宣言単位あたりの質量	16,77 kg
Mass per declared unit	
機能単位	-
Functional unit	
参照耐用年数	-
Reference service life	

化学物質、REACH 高懸念物質 - SUBSTANCES, REACH - VERY HIGH CONCERN

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







製品のライフサイクル - PRODUCT LIFE-CYCLE

システム境界 - SYSTEM BOUNDARY

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

Product stage Assembl Use stage y stage										E	nd of I	sy	Beyond the system								
A1	A2	A3	A4	A5	B1	B2	В3	B4	B5	В6	B7	C1	C2	C3	C4	bou	boundaries D				
×	x	x	MN D	MN D	MN D	MN D	MN D	MN D	MN D	MN D	MN D	x	x	x	x	x					
Raw materials	Transport	Manufacturing	Transport	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	Deconstr./demol.	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling			

Modules not declared = MND. Modules not relevant = MNR.

製造と梱包 - 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.

Bankyo Floor system consists of floor panels supported by legs made of particleboard, metal, and rubber. All wood and metal materials are sourced domestically, while the rubber is procured from overseas. The main manufacturing processes involve bolt production and assembly of the raw materials. The base block and nut are fitted together, and the manufactured bolts and rubber are attached. The product is packaged in cardboard along with the adhesive required for

installation.

The manufacturing process requires electricity and oil. Waste generated during production is treated as industrial waste.

We utilize electricity from the solar power generation system installed at our factory for part of our manufacturing processes. The use of green energy in manufacturing is demonstrated through contractual instruments and its use is ensured throughout the validity period of this EPD.

輸送と据付 - 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.

This EPD excludes the transport and installation stage. It is not common in Japan to include A4-A5 in declarations, and we do not have data for calculations. These stages are excluded because their impacts are assumed to be very small and their inclusion is not mandated by standards.

製品使用とメンテナンス - PRODUCT USE AND MAINTENANCE (B1-B7)

This EPD excludes the use stage.

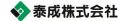
Air, soil, and water impacts during the use phase have not been studied.

製品の廃棄・リサイクル段階 - PRODUCT END OF LIFE (C1-C4, D)

In this EPD, end-of-life scenarios are developed for each material category. Energy considered for demolition of building (C1) is considered negligible and transportation distance and method to the treatment facility (C2) is assumed to be 50km by a truck in all scenarios.

Wooden wastes:

At the end of its lifetime, a timber product can have several end of life scenario options. Because of the uncertainties surrounding waste disposal practices in the future, exact methods of disposal at the end of life is hard





to determine. In this EPD, 92.1% of product wastes are assumed to be chipped for the future use as secondary material, 6.3% are assumed to be incinerated without energy recovery, and 1.6% are assumed to be landfilled. The scenario is based on the results of a Survey of construction by-products in 2018 published by the Ministry of Land, Infrastructure and Transport.

Steel wastes: Steel wastes are assumed to be 93.1% recycled and 6.9% landfilled.

Plastic wastes: 50.4% are assumed to be collected and processed for recycling. 21.3% are assumed to be incinerated and the remaining 28.3% are assumed to be landfilled. The scenario is based on the report Results of the 2018 survey on the actual status of construction by-products from Construction Recycling Promotion Plan published by Japanese Ministry of Land, Infrastructure, Transport and Tourism.

As this EPD does not include A5 stage, packaging wastes are considered in the end-of-life stage.

Paperboard (packaging): According to the website of Corrugated Packaging Recycling Council, 94.8% of the waste paperboard are collected at proper facilities. Therefore, EOL scenario of paperboard is assumed to be 94.8% recycled and 5.2% incinerated without energy recovery.

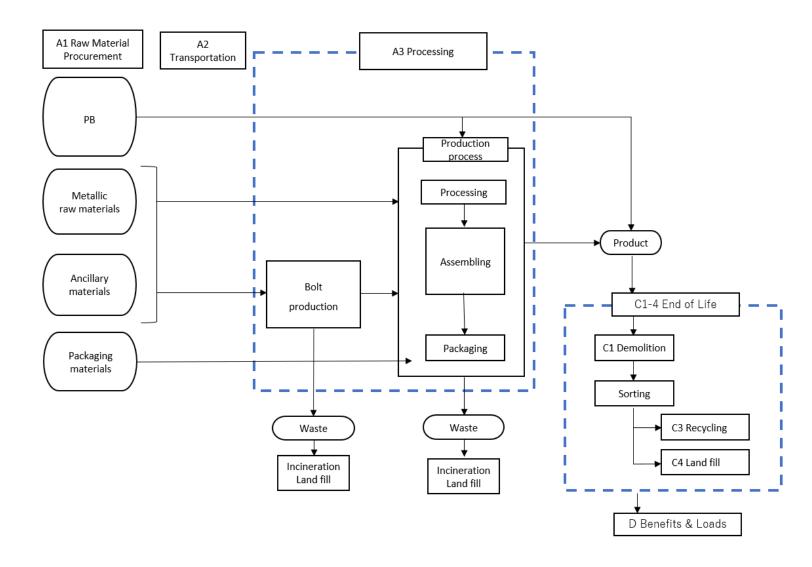
Based on EOL scenarios, the benefits and loads are considered in D for cases where there is recycling, reuse and energy recovery.

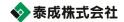




製造プロセスとシステム境界

MANUFACTURING PROCESS AND SYSTEM BOUNDARY







ライフサイクルアセスメント

- LIFE-CYCLE ASSESSMENT

カットオフ基準 - 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.

データの検証- 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.

配分、推定 - 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:

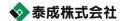
データタイプ - Data type	配分 - Allocation
原材料 - Raw materials	No allocation
梱包材 - Packaging materials	No allocation
補助材料 - Ancillary materials	Allocated by mass or volume
製造エネルギーと廃棄物 - Manufacturing energy and waste	Allocated by mass or volume

製品と製造拠点のグループ化

- PRODUCT & MANUFACTURING SITES GROUPING

グループ化の種類 - Type of grouping	No grouping
グループ化方法 - Grouping method	Not applicable
A1-A3 における GWP-fossil の変 動率 - Variation in GWP-fossil for A1-A3 (%)	-

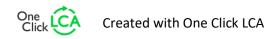
This EPD is product and factory specific.



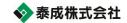


LCA ソフトウェアと参考文献 - LCA SOFTWARE AND BIBLIOGRAPHY

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. Ecoinvent v3.10.1 and One Click LCA databases were used as sources of environmental data. Allocation used in Ecoinvent 3.10.1 environmental data sources follow the methodology 'allocation, Cut-off, EN 15804+A2'.







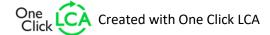
環境影響データ - ENVIRONMENTAL IMPACT DATA

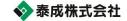
The estimated impact results are only relative statements which do not indicate the end points of the impact categories, exceeding threshold values, safety margins or risks.

主な環境影響指標 - CORE ENVIRONMENTAL IMPACT INDICATORS - EN 15804+A2, EF 3.1

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	В3	B4	B5	В6	B7	C1	C2	С3	C4	D
GWP – total ¹⁾	kg CO₂e	-1,17E+01	1,16E-01	4,09E+00	-7,52E+00	MND	0,00E+00	1,31E-01	1,96E+01	1,73E+00	-6,99E-01								
GWP – fossil	kg CO₂e	9,24E+00	1,16E-01	4,08E+00	1,34E+01	MND	0,00E+00	1,31E-01	2,50E-01	7,26E-02	-6,95E-01								
GWP – biogenic	kg CO₂e	-2,10E+01	0,00E+00	1,81E-03	-2,10E+01	MND	0,00E+00	0,00E+00	1,93E+01	1,66E+00	0,00E+00								
GWP – LULUC	kg CO₂e	1,88E-02	5,66E-05	2,47E-03	2,13E-02	MND	0,00E+00	5,99E-05	4,42E-04	7,03E-06	-3,53E-03								
Ozone depletion pot.	kg CFC ₋₁₁ e	1,52E-07	1,65E-09	6,68E-08	2,20E-07	MND	0,00E+00	1,91E-09	1,47E-09	2,88E-10	-6,04E-09								
Acidification potential	mol H⁺e	7,69E-02	4,49E-04	1,25E-02	8,99E-02	MND	0,00E+00	5,95E-04	1,25E-03	2,03E-04	-3,19E-03								
EP-freshwater ²⁾	kg Pe	2,36E-03	9,41E-06	4,51E-04	2,82E-03	MND	0,00E+00	1,04E-05	9,91E-05	9,42E-06	-2,50E-04								
EP-marine	kg Ne	1,01E-02	1,04E-04	1,79E-03	1,20E-02	MND	0,00E+00	2,23E-04	2,68E-04	2,51E-04	-7,69E-04								
EP-terrestrial	mol Ne	1,05E-01	1,14E-03	1,89E-02	1,25E-01	MND	0,00E+00	2,44E-03	2,65E-03	1,01E-03	-8,98E-03								
POCP ("smog") ³⁾	kg NMVOCe	5,24E-02	4,78E-04	9,83E-03	6,27E-02	MND	0,00E+00	8,41E-04	7,81E-04	2,68E-04	-3,01E-03								
ADP-minerals & metals ⁴⁾	kg Sbe	5,88E-05	4,23E-07	4,59E-06	6,38E-05	MND	0,00E+00	4,20E-07	7,11E-07	4,42E-08	-4,35E-06								
ADP-fossil resources	MJ	1,39E+02	1,58E+00	5,58E+01	1,97E+02	MND	0,00E+00	1,87E+00	2,98E+00	2,28E-01	- 7,59E+00								
Water use ⁵⁾	m³e depr.	5,49E+00	7,42E-03	3,23E-01	5,82E+00	MND	0,00E+00	8,97E-03	5,42E-02	3,76E-02	9,70E-03								

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.







追加(オプション)の環境影響指標 - ADDITIONAL (OPTIONAL) ENVIRONMENTAL IMPACT INDICATORS - EN 15804+A2, EF 3.1

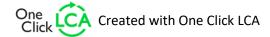
Impact category	Unit	A1	A2	А3	A1-A3	A4	A5	B1	B2	В3	B4	B5	В6	B7	C1	C2	С3	C4	D
Particulate matter	Incidence	1,48E-06	6,71E-09	9,35E-08	1,58E-06	MND	0,00E+00	1,26E-08	1,34E-08	2,47E-09	-4,51E-08								
Ionizing radiation ⁶⁾	kBq U235e	4,71E-01	1,37E-03	1,11E-01	5,83E-01	MND	0,00E+00	1,59E-03	2,29E-02	2,54E-04	-3,01E-02								
Ecotoxicity (freshwater)	CTUe	9,16E+01	2,90E-01	4,98E+00	9,69E+01	MND	0,00E+00	2,94E-01	6,38E-01	3,43E-01	2,98E-01								
Human toxicity, cancer	CTUh	8,55E-08	1,96E-11	6,16E-10	8,62E-08	MND	0,00E+00	3,21E-11	4,97E-11	3,57E-11	3,23E-11								
Human tox. non- cancer	CTUh	9,19E-08	9,10E-10	1,49E-08	1,08E-07	MND	0,00E+00	1,29E-09	1,99E-09	2,31E-09	1,67E-08								
SQP ⁷⁾	-	3,81E+02	7,07E-01	7,50E+00	3,89E+02	MND	0,00E+00	1,40E+00	6,83E-01	2,17E-01	- 4,25E+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.

天然資源の利用 - USE OF NATURAL RESOURCES

Impact category	Unit	A1	A2	А3	A1-A3	A4	A5	B1	B2	В3	B4	B5	В6	В7	C1	C2	С3	C4	D
Renew. PER as energy ⁸⁾	MJ	6,28E+02	2,46E-02	3,74E+00	6,31E+02	MND	0,00E+00	2,65E-02	-5,43E-01	-2,20E+01	9,26E+01								
Renew. PER as material	МЈ	1,62E+02	0,00E+00	0,00E+00	1,62E+02	MND	0,00E+00	0,00E+00	-1,49E+02	-1,28E+01	0,00E+00								
Total use of renew. PER	МЈ	7,90E+02	2,46E-02	3,74E+00	7,93E+02	MND	0,00E+00	2,65E-02	-1,50E+02	-3,48E+01	9,26E+01								
Non-re. PER as energy	MJ	1,19E+02	1,58E+00	1,82E+01	1,39E+02	MND	0,00E+00	1,87E+00	8,36E-01	-1,58E+00	- 7,61E+00								
Non-re. PER as material	MJ	1,99E+01	0,00E+00	0,00E+00	1,99E+01	MND	0,00E+00	0,00E+00	-1,72E+01	-2,66E+00	0,00E+00								
Total use of non-re. PER	MJ	1,39E+02	1,58E+00	1,82E+01	1,59E+02	MND	0,00E+00	1,87E+00	-1,64E+01	-4,24E+00	- 7,61E+00								
Secondary materials	kg	1,39E-01	7,60E-04	6,33E-03	1,46E-01	MND	0,00E+00	8,33E-04	1,36E-03	3,69E-04	2,07E-01								
Renew. secondary fuels	МЈ	3,06E-03	9,09E-06	5,11E-05	3,12E-03	MND	0,00E+00	1,06E-05	8,00E-06	1,60E-06	-1,05E-04								
Non-ren. secondary fuels	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	MND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00								
Use of net fresh water	m³	1,20E-01	2,11E-04	8,07E-03	1,28E-01	MND	0,00E+00	2,62E-04	1,37E-03	-8,03E-04	-8,93E-03								

⁸⁾ PER = Primary energy resources.





廃棄・リサイクル段階 一廃棄 - END OF LIFE - WASTE

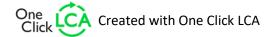
Impact category	Unit	A1	A2	А3	A1-A3	A4	A5	B1	B2	В3	B4	B5	B6	В7	C1	C2	С3	C4	D
Hazardous waste	kg	8,88E-01	2,92E-03	1,02E-01	9,94E-01	MND	0,00E+00	3,27E-03	2,38E-02	7,74E-03	-1,81E-01								
Non-hazardous waste	kg	1,48E+01	5,60E-02	1,79E+00	1,66E+01	MND	0,00E+00	6,13E-02	4,99E-01	2,53E+00	2,94E+00								
Radioactive waste	kg	1,23E-04	3,36E-07	2,44E-05	1,48E-04	MND	0,00E+00	3,90E-07	5,56E-06	6,30E-08	-7,35E-06								

廃棄・リサイクル段階 一出力フロー - END OF LIFE - OUTPUT FLOWS

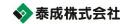
Impact category	Unit	A1	A2	А3	A1-A3	A4	A5	B1	B2	В3	B4	B5	В6	B7	C1	C2	С3	C4	D
Components for re-use	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	MND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00								
Materials for recycling	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	MND	0,00E+00	0,00E+00	1,55E+01	0,00E+00	0,00E+00								
Materials for energy rec	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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	0,00E+00	0,00E+00	MND	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	MND	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	MND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00								

環境影響 - ENVIRONMENTAL IMPACTS - EN 15804+A1, CML / ISO 21930

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	В3	B4	B5	B6	B7	C1	C2	C3	C4	D
Global Warming Pot.	kg CO₂e	9,56E+00	1,15E-01	4,07E+00	1,37E+01	MND	0,00E+00	1,30E-01	2,51E-01	8,73E-02	-6,95E-01								
Ozone depletion Pot.	kg CFC-11e	1,30E-07	1,32E-09	5,32E-08	1,85E-07	MND	0,00E+00	1,52E-09	1,25E-09	2,37E-10	-4,80E-09								
Acidification	kg SO₂e	6,56E-02	3,62E-04	1,06E-02	7,66E-02	MND	0,00E+00	4,42E-04	1,03E-03	1,43E-04	-2,53E-03								
Eutrophication	kg PO ₄ ³e	4,88E-01	6,44E-05	1,16E-03	4,90E-01	MND	0,00E+00	1,08E-04	1,30E-04	6,30E-05	-3,35E-04								
POCP ("smog")	kg C ₂ H ₄ e	8,17E-03	2,68E-05	6,93E-04	8,89E-03	MND	0,00E+00	3,67E-05	6,08E-05	1,49E-05	-3,30E-04								
ADP-elements	kg Sbe	5,82E-05	4,11E-07	4,32E-06	6,30E-05	MND	0,00E+00	4,10E-07	7,03E-07	3,72E-08	-4,35E-06								
ADP-fossil	MJ	1,32E+02	1,56E+00	5,43E+01	1,88E+02	MND	0,00E+00	1,84E+00	2,62E+00	2,24E-01	-7,12E+0								







検証報告 - 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.

HaiHa Nguyen, as an authorized verifier acting for EPD Hub Limited 03.07.2025



