



ENVIRONMENTAL PRODUCT DECLARATION

IN ACCORDANCE WITH ISO 21930:2017 & ISO 14025

Atlas Strut

ASM Modular Systems, Inc.



EPD HUB, HUB-6092

Published on 26.04.2026, last updated on
26.04.2026, valid until 26.04.2031



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	ASM Modular Systems, Inc.
Address	9500 Industrial Center Drive, Ladson, SC 29456 USA
Contact details	info@asmproducts.com
Website	www.asmproducts.com

EPD STANDARDS, SCOPE AND VERIFICATION

Program operator	EPD Hub, hub@epdhub.com
Reference standard	ISO 21930:2017 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	N/A
Scope of the EPD	Cradle to gate with options, A4-A5, and modules C1-C4, D
EPD author	Emma Johnson
EPD verification	Independent verification of this EPD and data, according to ISO 14025: ☐ Internal verification ☒ External verification
EPD verifier	Magaly Gonzalez Vazquez 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	Atlas Strut
Additional labels	-
Product reference	Atlas Strut
Place(s) of raw material origin	United States
Place of production	Red Lion PA, USA
Place(s) of installation and use	North America
Period for data	Calendar Year 2024
Averaging in EPD	No grouping
Variation in GWP-fossil for A1-A3 (%)	0
GTIN (Global Trade Item Number)	-
NOBB (Norwegian Building Product Database)	-
A1-A3 Specific data (%)	89.9

ENVIRONMENTAL DATA SUMMARY

Declared unit	1 m ²
Declared unit mass	12.68 kg
Mass of packaging	0.03 kg
GWP-total, A1-A3 (kgCO ₂ e)	6.62
Secondary material, inputs (%)	2.13
Secondary material, outputs (%)	85.3
Total energy use, A1-A3 (kWh)	32.3
Net freshwater use, A1-A3 (m ³)	0.66

PRODUCT AND MANUFACTURER

ABOUT THE MANUFACTURER

Local Expertise, Global Strength. Founded in 1998 and headquartered in Ladson, South Carolina, ASM Infrastructure Solutions is a specialized partner in precision-engineered structural support systems. ASM plays a critical role in the design and specification of containment solutions, structural ceiling grids, airflow grilles, and raised access flooring — supporting both mission-critical data centers and commercial office environments.

With a highly agile and efficient team, ASM takes a hands-on approach to every project, ensuring delivery to the highest standards and applying deep technical expertise at every stage.

ASM is a trusted supplier to some of the world’s leading Hyperscale, Cloud, and Commercial Office developers.

As part of the Kingspan Group, a global leader in data infrastructure and high-performance building solutions, ASM combines the responsiveness of a local team with the scale, innovation, and global reliability of an industry leader.

PRODUCT DESCRIPTION

ASM Atlas Strut is a strong, galvanized steel profile with a painted finish. Uniquely integrated welded flanges support tiles, light fixtures and return air grilles, removing the need for two separate ceiling systems. The continuous open channel slot allows for full flexibility when suspending cable trays, bus bars, and other heavy accessories from the structural ceiling. Both strut main runners and structural tees are pre-drilled for infill connections based upon application specifications. Atlas Strut is designed for interior installation and installation in similarly conditioned environments. It is not suitable for outdoor installations.

High strength and performance with the ability to suspend a uniform load of 109 lbs/ SF for a 48-in x 48-in hanger spacing. Unistrut flange sized for 1/2-in T-nut connections along the lengths of the main runner and cross tees. This EPD is based on 1 m2 of Atlas Strut. This product has been optimized to give superior environmental and structural performance.

Further information can be found at: www.asmproducts.com

PRODUCT RAW MATERIAL MAIN COMPOSITION

Raw material category	Amount, mass %	Material origin
Metals	100	USA, China
Minerals	0	N/A
Fossil materials	0	N/A
Bio-based materials	0	N/A

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	0.106

FUNCTIONAL UNIT AND SERVICE LIFE

Declared unit	1 m2
Mass per declared unit	12.68 kg
Functional unit	-
Reference service life	30 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	Recycling	Recovery	Reuse
Raw materials	Transport	Manufacturing	Transport	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	Deconstruction/ demolition	Transport	Waste processing	Disposal				

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 transport of the raw material from suppliers to the factory site is composed of 790 km by road transport, assuming it is done by a >32-ton EURO6 lorry and 6,560 km by sea transport via container ship. Additional transport from Red Lion to the ASM facility in South Carolina was assumed 1,100 km by road transport.

ASM Atlas Grid+ main runners and cross tees are made of steel and aluminum extrusion with some steel installation parts. Aluminum components are produced in the USA and transported to the ASM facility via road freight. The manufacturing process requires light electricity use. Wastewater treatment is not considered as there is no water use in the manufacturing process for ASM ceiling grid. As per co-product allocation, aluminum manufacturing losses are excluded from the main product. There is no other manufacturing losses modelled - as only other wastes are lubrication oil and saw blades which are considered minor waste streams that are individually less than 1% of the total product weight and well below 5% cumulatively.

The finished product is packaged in cardboard boxes, loaded onto a wooden crate, and secured with pallet wrap clear. Installation parts such as the turnbuckle, screws and connectors are considered in the module A5 installation as they enter the system's scope at the installation stage.

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.

Average weighted distance of transportation from production plant to building site is assumed at 1,742 km and the transportation method is assumed to be truck. Vehicle capacity utilization volume factor is assumed

to be 1 which means full load. In reality, it may vary but as role of transportation emissions in total results is small, the variety in load is assumed to be negligible. Empty returns are not taken into account as it is assumed that return trip is used by the transportation company to serve the needs of other clients. Transportation does not cause losses as product is packaged properly.

Environmental impacts from installation into the building include waste packaging materials (A5) and release of biogenic carbon dioxide from wood pallets/cardboard boxes. The impacts of material production, its processing and its disposal as installation waste are also included. Electricity consumption for installation of the ceiling grid is considered.

The following recommended US scenarios are considered for the packaging end of life:

Resource	Scenario	Reference
Wood pallet	26.9% recycled 14.3% incinerated with ER 58.8% landfill	Containers and Packaging: Product-Specific Data US EPA
Plastics	13.7% recycled 16.9% incinerated with ER 69.4% landfill	Containers and Packaging: Product-Specific Data US EPA
Cardboard	80.9% recycled 3.7% incinerated with ER 15.4% landfill	Containers and Packaging: Product-Specific Data US EPA

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. The Reference Service Life (RSL) is defined at 30 years.

PRODUCT END OF LIFE (C1-C4, D)

The energy consumption during demolition, the construction of the waste processing facility and the appropriate equipment are not a part of this model. Due to the material and energy recovery potential of the materials, a part of the end-of-life product is converted into recycled raw materials while electric and heat energy are generated from incineration. The distance from demolition site to metal recycling facility was assumed at 250km and landfill at 25km, the transport was assumed as road freight, lorry >32 metric ton.

The assumptions for recycled materials were acquired from the Aluminum Association and the World Steel Association, stating 90% recycled Aluminum and 85% recycled steel. Due to the material and energy recovery potential of parts in the end-of-life product and packaging, recycled raw materials lead to avoided virgin material production, while the energy recovered from incineration displaces electricity and heat production (D). The benefits and loads of incineration and recycling are included in Module D for packaging materials as well.

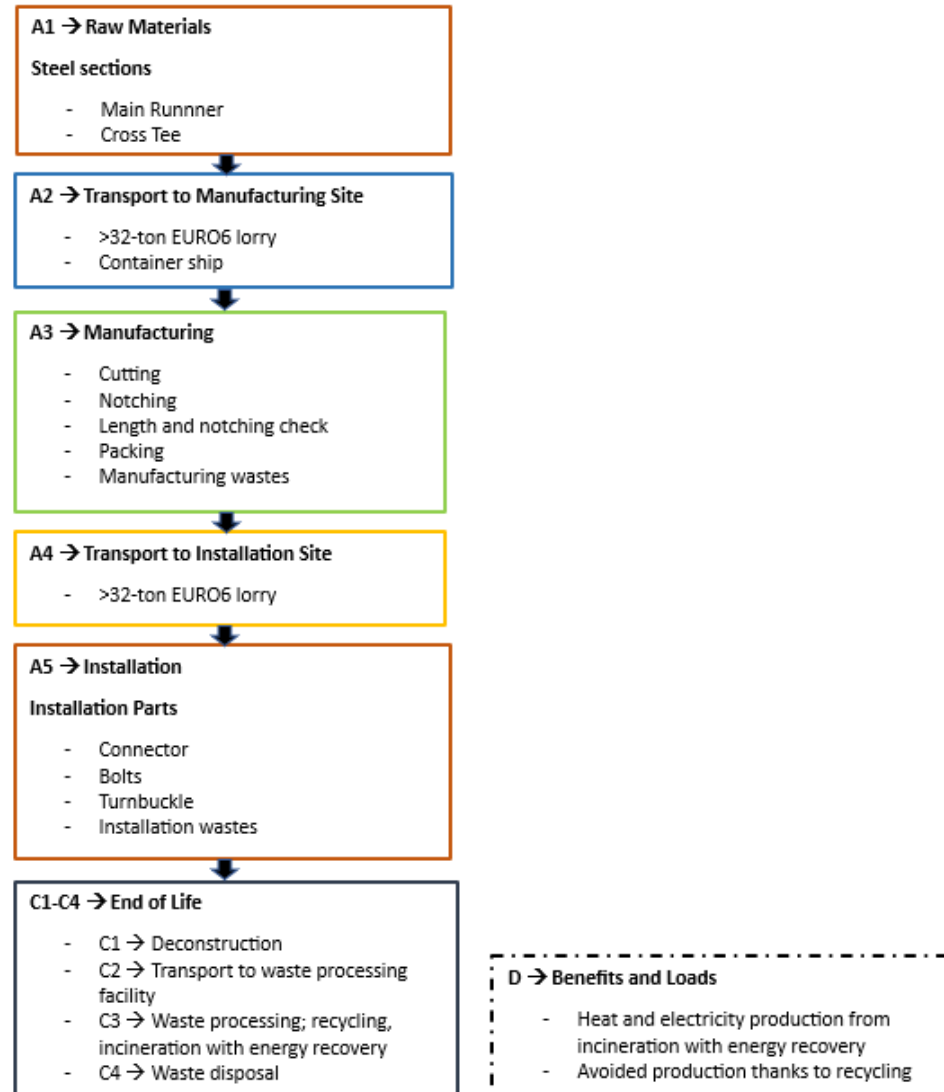
The table below shows the used waste processing scenarios for the accumulated product materials and installation parts. The systems parts are either Aluminum or steel; the following recommended scenarios were considered for the End of Life:

Resource	Scenario	Reference
Aluminum	90% recycled 10% landfill	Aluminum Association
Steel	85% recycled 15% landfill	World Steel Association

The benefits considered for the system parts are the avoided production of Aluminum and steel thanks to recycling (while discounting the recycled content of the parts to avoid double accounting). The loads considered are from the recycling of such parts.

The same logic is applied to the packaging with the addition of recovered energy from the incineration with ER. The benefits and loads of product and packaging material recycling are included in Module 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	Allocated by mass or volume
Packaging material	Allocated by mass or volume
Ancillary materials	Allocated by mass or volume
Manufacturing energy and waste	Allocated by mass or volume

PRODUCT & MANUFACTURING SITES GROUPING

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

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 v3.2.3. 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'.

References used:

1. Aluminum Association, <https://www.aluminum.org/>
2. World Steel Association, <https://worldsteel.org/>
3. Containers and Packaging: Product-Specific Data | US EPA, <https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/containers-and-packaging-product-specific>

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.

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	1.01E-01	5.84E-01	1.41E+01	1.48E+01	4.77E-01	-3.29E+00	ND	ND	ND	ND	ND	ND	ND	0.00E+00	1.45E-02	5.28E-01	2.77E-03	-1.96E-02
Renew. PER as material	MJ	0.00E+00	0.00E+00	3.64E+00	3.64E+00	0.00E+00	-3.64E+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	1.01E-01	5.84E-01	1.78E+01	1.84E+01	4.77E-01	-6.93E+00	ND	ND	ND	ND	ND	ND	ND	0.00E+00	1.45E-02	5.28E-01	2.77E-03	-1.96E-02
Non-re. PER as energy	MJ	6.31E+00	5.53E+01	3.98E+01	1.01E+02	3.48E+01	3.69E+00	ND	ND	ND	ND	ND	ND	ND	0.00E+00	9.44E-01	3.37E+00	2.87E-01	-1.00E-01
Non-re. PER as material	MJ	0.00E+00	0.00E+00	3.24E-01	3.24E-01	0.00E+00	-3.24E-01	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 non-re. PER	MJ	6.31E+00	5.53E+01	4.01E+01	1.02E+02	3.48E+01	3.37E+00	ND	ND	ND	ND	ND	ND	ND	0.00E+00	9.44E-01	3.37E+00	2.87E-01	-1.00E-01
Secondary materials	kg	2.70E-01	2.50E-02	1.48E-02	3.10E-01	1.48E-02	1.18E-01	ND	ND	ND	ND	ND	ND	ND	0.00E+00	4.17E-04	3.98E-03	7.22E-05	6.56E-04
Renew. secondary fuels	MJ	0.00E+00	1.74E-04	9.48E-02	9.50E-02	1.88E-04	2.29E-06	ND	ND	ND	ND	ND	ND	ND	0.00E+00	5.29E-06	1.87E-04	1.49E-06	-3.14E-06
Non-ren. secondary fuels	MJ	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
Use of net fresh water	m ³	6.40E-01	5.90E-03	1.17E-02	6.58E-01	5.24E-03	2.78E-01	ND	ND	ND	ND	ND	ND	ND	0.00E+00	1.35E-04	1.49E-03	2.99E-04	-4.47E-05

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	-2.80E-08	8.30E-02	4.34E-02	1.26E-01	5.87E-02	4.57E-03	ND	ND	ND	ND	ND	ND	ND	0.00E+00	1.50E-03	2.66E-02	3.17E-04	-2.84E-04
Non-hazardous waste	kg	4.46E-13	1.35E+00	9.91E-01	2.34E+00	1.09E+00	9.99E-01	ND	ND	ND	ND	ND	ND	ND	0.00E+00	2.93E-02	7.68E-01	7.25E-03	-2.27E-02
Radioactive waste	kg	3.33E-29	8.82E-06	1.00E-04	1.09E-04	7.41E-06	4.14E-06	ND	ND	ND	ND	ND	ND	ND	0.00E+00	2.44E-07	3.25E-06	4.40E-08	-2.92E-07

END OF LIFE – OUTPUT FLOWS

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Components for re-use	kg	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-02	ND	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	1.08E+01	0.00E+00	0.00E+00
Materials for energy rec	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02	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	0.00E+00	4.46E-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 – Electricity	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-02	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	0.00E+00	3.67E-01	ND	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+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 ₂ e	5.82E-01	4.17E+00	2.28E+00	7.03E+00	2.32E+00	3.55E-01	ND	ND	ND	ND	ND	ND	ND	0.00E+00	6.59E-02	2.88E-01	1.17E-02	-4.85E-03

9) This indicator includes all greenhouse gases excluding biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. In addition, the characterization 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 characterization factor for biogenic CO₂ is set to zero.

ENVIRONMENTAL IMPACTS – TRACI 2.1. / ISO 21930

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	2.31E+01	4.11E+00	2.27E+00	2.95E+01	2.28E+00	4.36E-01	ND	ND	ND	ND	ND	ND	ND	0.00E+00	6.49E-02	2.88E-01	1.14E-02	-4.75E-03
Ozone Depletion	kg CFC ₁₁ e	2.73E-08	6.42E-08	3.20E-07	4.12E-07	3.93E-08	1.08E-09	ND	ND	ND	ND	ND	ND	ND	0.00E+00	1.18E-09	3.25E-09	3.57E-10	-1.13E-10
Acidification	kg SO ₂ e	6.63E-02	6.36E-02	4.70E-03	1.35E-01	5.10E-03	1.62E-03	ND	ND	ND	ND	ND	ND	ND	0.00E+00	1.64E-04	2.56E-03	7.48E-05	-2.14E-05
Eutrophication	kg Ne	5.20E-03	2.77E-03	1.75E-03	9.72E-03	6.29E-04	1.04E-04	ND	ND	ND	ND	ND	ND	ND	0.00E+00	1.88E-05	2.16E-04	8.34E-06	-3.39E-06
POCP (“smog”)	kg O ₃ e	8.46E-01	1.24E+00	8.75E-02	2.17E+00	1.09E-01	2.81E-02	ND	ND	ND	ND	ND	ND	ND	0.00E+00	3.96E-03	4.29E-02	2.14E-03	-2.73E-04
ADP-fossil	MJ	2.82E+02	5.53E+01	8.11E+00	3.46E+02	3.49E+01	1.99E+00	ND	ND	ND	ND	ND	ND	ND	0.00E+00	9.45E-01	3.40E+00	2.88E-01	-1.00E-01

SCENARIO DOCUMENTATION

DATA SOURCES

Manufacturing energy scenario documentation

1. Electricity, USA, Pennsylvania, 2024, Pennsylvania, One Click LCA, 0.51 kgCO₂e/kWh
2. Natural gas (Industrial furnace >100 kW), World, One Click LCA, 0.25 kgCO₂e/kWh
3. Heat production, propane, at industrial furnace >100kW, World, Ecoinvent, 0.0919 kgCO₂e/MJ
4. Electricity production, photovoltaic, 3kWp flat-roof installation, single-Si, World, Ecoinvent, 0.0876 kgCO₂e/kWh

Transport scenario documentation - A4 (Transport resources)

1. Market for transport, freight, lorry >32 metric ton, EURO6, 1750 km

Installation scenario documentation - A5 (Installation resources)

1. Steel sections Global 2022, WorldSteel, 0.1564 kg
2. Market group for electricity, low voltage, Ecoinvent, 0.09546 kWh
3. Hot-rolled structural steel sections, North American industry average, per kg, GaBi, 0.06 kg

Installation scenario documentation - A5 (Installation waste)

1. Wood chipping, industrial residual wood, stationary electric chipper, Ecoinvent, Materials for recycling, 0.07 kg
2. Treatment of waste wood, untreated, municipal incineration, Ecoinvent, Materials for energy recovery, 0.037 kg
3. Treatment of waste wood, untreated, sanitary landfill, Ecoinvent, 0.15 kg
4. Exported Energy: Electricity, Ecoinvent, 0.057 MJ
5. Exported Energy: Thermal, Ecoinvent, 0.32 MJ
6. Exported Energy: Thermal, Ecoinvent, 0.0036 MJ
7. Exported Energy: Thermal, Ecoinvent, 0.043 MJ
8. Exported Energy: Electricity, Ecoinvent, 0.0017 MJ

9. Exported Energy: Electricity, Ecoinvent, 0.021 MJ
10. Treatment of waste paperboard, unsorted, sorting, Ecoinvent, Materials for recycling, 0.014 kg
11. Treatment of waste paperboard, municipal incineration, Ecoinvent, Materials for energy recovery, 6.3E-4 kg
12. Treatment of waste paperboard, sanitary landfill, Ecoinvent, 0.0026 kg
13. Treatment of waste polyethylene, for recycling, unsorted, sorting, Ecoinvent, Materials for recycling, 0.0018 kg
14. Treatment of waste polyethylene, municipal incineration, Ecoinvent, Materials for energy recovery, 0.0022 kg
15. Treatment of waste polyethylene, sanitary landfill, Ecoinvent, 0.0091 kg

End-of-life scenario documentation - C1-C4 (Data source)

1. Treatment of scrap steel, inert material landfill, Ecoinvent, 1.8091 kg
2. Sorting and pressing of iron scrap, Ecoinvent, Materials for recycling, 10.231 kg
3. Treatment of metal scrap, mixed, for recycling, unsorted, sorting, Ecoinvent, Materials for recycling, 0.59 kg
4. Treatment of scrap steel, inert material landfill, Ecoinvent, 0.066 kg
5. Market group for electricity, medium voltage, Ecoinvent, 0.12 kWh

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

Magaly Gonzalez Vazquez as an authorized verifier for EPD Hub Limited
26.04.2026

