Environmental Product Declaration

In accordance with ISO 14025:2006 and EN 15804:2012+A2:2019/AC:2021 for:

Altech Circular ventilation ducts – Carbon Low

from

Saint-Gobain Distribution Sweden (SGDS)

Program:	The International EPD® System, www.environdec.com
Program operator:	EPD International AB
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This EPD covers multiple products and is based on the average results of the product group. An EPD should provide current information and may be updated if conditions change. The stated validity is therefore subject to the continued registration and publication at www.environdec.com

General information

Program information

Program:	The International EPD® System
Address:	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
Website:	www.environdec.com
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Accountabilities for PCR, LCA and independent, third-party verification
Product Category Rules (PCR): Construction Products PCR 2019:14 version 1.3.4
CEN standard EN 15804:2012+A2:2019/AC:2021 serves as the Core Product Category Rules (PCR)
PCR review was conducted by: T*he Technical Committee of the International EPD System. See www.environdec.com for a list of members. Review chair: Claudia A. Peña, University of Concepción, Chile. The review panel may be contacted via the Secretariat www.environdec.com/contact.*
Life Cycle Assessment (LCA)
LCA accountability: Srikanth Panda, CarbonZero AB
Third-party verification
Independent third-party verification of the declaration and data, according to ISO 14025:2006: ☒ EPD verification by individual verifier
Third-party verifier: Vladimir Koci LCA Studio Approved by: The International EPD® System
The procedure for follow-up of data during EPD validity involves third-party verifier: ☐ Yes ☒ No

The EPD owner has sole ownership, liability, and responsibility for the EPD.

EPDs within the same product category but registered in different EPD programmes may not be comparable. For two EPDs to be comparable, they shall be based on the same PCR (including the same version number up to the first two digits) or be based on fully-aligned PCRs or versions of PCRs; cover products with identical functions, technical performances and use (e.g. identical declared/functional units); have equivalent system boundaries and descriptions of data; apply equivalent data quality requirements, methods of data collection, and allocation methods; apply identical cut-off rules and impact assessment methods (including the same version of characterisation factors); have equivalent content declarations; and be valid at the time of comparison.

EPDs of construction products may not be comparable if they do not comply with EN 15804. EPDs made according to EN15804+A1, and EN15804+A2 are not comparable, especially since a majority of the environmental indicators are based on different versions. For further information about comparability, see EN 15804 and ISO 14025.

Company information

Owner of the EPD	Saint-Gobain Distribution Sweden AB Bevego Byggplåt & Ventilation AB, Box 168, 441 24 Alingsås
Contact	SGDS - Beriar Maroof (beriar.maroof@saint-gobain.se)
Description of the organisation	Saint-Gobain Distribution Sweden AB - specialists in collaboration for more efficient business in construction and installation. Saint-Gobain Distribution Sweden AB is the head company of some of Sweden's leading trading companies in construction, sheet metal, tiles and installation. All the companies have long and solid industry experience and provide most of Sweden's craftsmen with materials for various projects. Customers in different companies can also buy support items from the sister companies in the group, and in selected cases, we take joint projects to facilitate the logistics of the supply of goods, which is then often critical for a smooth construction project. • Optimera - construction trade for professional carpenters • Dahl – heat, plumbing and sanitary specialist • Bevego - building sheet metal, ventilation and technical insulation • Kakelspecialisten and Konradsson's Tiles - tiles, tiling and bathroom fittings The company's focus is on sales and services with direct contact to about 150,000 customers regularly. Saint-Gobain Distribution Sweden AB is owned by Saint-Gobain with a presence in 64 countries and over 190 000 employees worldwide.
Location of production site	Landvetter, Sweden

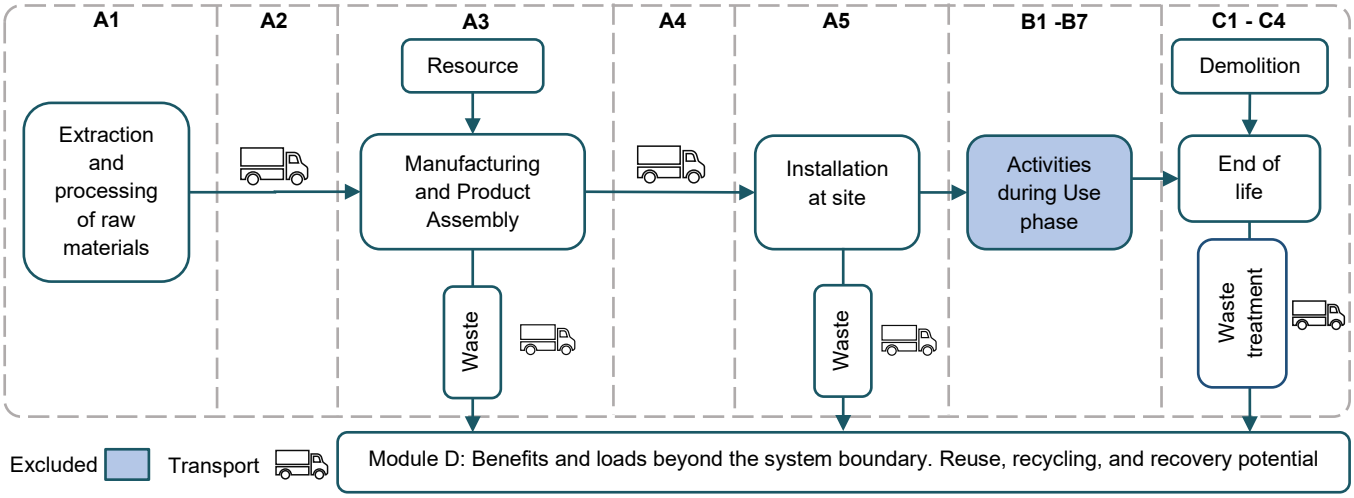
Product information

Product name	Altech Circular ventilation ducts/ Altech Cirkulär kanal AR – Carbon Low
Product Identification	Altech Circular ventilation ducts – Carbon Low
Product Description	The circular ventilation ducts are used to bring air into or out of a building. This may be to improve air quality, control temperature, or reduce humidity. The circular ventilation ducts are produced from galvanised material in accordance with EN 10 321 with the quality designation DX51 +Z275 MAC.
UN CPC code	412 - Products of iron or steel
Technical data	Please refer to the product pages for each specific product, as the technical data differs for each product. https://www.bevego.se/
Geographical Scope	Europe
Use	Air circulation channels of the building's ventilation system

LCA information

Declared unit	1 kg of Product
Reference service life	N/A
LCA software and Database(s)	LCA for Experts (fka GaBi) with MLC Professional Database 2025.1 with an integrated Ecoinvent database 3.11
System boundaries	Cradle to Gate with options (A1-A3, A4, A5, C1-C4, D)

System Diagram:



The manufacturers, Bevego AB, procure raw materials and manufacture finished products by bending and at their facilities in Landvetter, Gothenburg, and Risyxegatan, Malmö. The products are made to order and are fabricated through a combination of cutting, forming, joining, and finishing processes at the factory. The finished products are then distributed locally to customers across Sweden. Environmental impact data for the product stage, A1-A3 sub-modules, are adopted from the manufacturer-provided data, and the worst-case scenario for transport associated with A2 to raw material suppliers to the manufacturing unit and A4 from the manufacturing units to local distribution in Sweden was assumed.

More information

A1, Raw material supply

This module considers the extraction and processing of all raw materials, energy, and transportation that occur upstream of the studied manufacturing process. The products are made of galvanized steel sheets and the LCIA data for the materials were from specific data.

A2, transport to the manufacturer

This module includes the transportation of raw material to the manufacturing site. Specific information from the manufacturer was obtained regarding the transportation distance of all materials.

A3, manufacturing

This module includes all resources used during the production of Altech ventilation ducts. The manufacturing processes include a combination of cutting, forming, joining, and finishing processes. This also includes packaging material, in which the products are shipped to the customers. Data has been collected by the manufacturer from the production year of 2024, the full 12 months from January 2024 to December 2024.

A4, Transport

This module includes the transportation from Saint-Gobain's distribution center in Sweden, out to the average customer.

Scenario information	Unit per DU
Fuel type and consumption of vehicle or vehicle type	Truck-trailer, Euro 0 - 6 mix, < 40t gross weight
Distance [km]	400
Fuel/Energy consumption value [l/tkm]	2,53E-02
Capacity Utilisation (including empty returns) [%]	50
Volume capacity	1

A5, Construction installation

This stage includes the waste management of product-related and packaging waste generated during installation. As products are made to order, product-related waste at the installation site is considered zero. All plastic and corrugated board packaging were assumed to be collected and incinerated. The pallet is being reused, so the environmental burden was considered negligible. The installation of the product was assumed to have a negligible impact, as the installation will be done manually.

Scenario information	Unit (expressed per declared unit)
Collection process specified by type	0,0327 kg collected separately
	0 kg collected with mixed construction waste
Recovery system specified by type	0,0271 kg for re-use
	0 kg for recycling
	0,0056 kg for energy recovery
Disposal specified by type	0 kg of product or material for final deposition

The transportation distances for packaging waste

Scenario information	Unit per DU
Fuel type and consumption of vehicle or vehicle type	Truck-trailer, Euro 0 - 6 mix, < 40t gross weight
Distance (for materials not to be incinerated) [km]	80
Distance (for materials to be incinerated) [km]	130

Fuel/Energy consumption value [l/tkm]	2,53E-02
Capacity Utilisation (including empty returns) [%]	50
Volume capacity	1

B1-B7 Use stage

This stage is not declared.

C1 Deconstruction/Demolition

This stage includes the deconstruction of the Altech ventilation ducts for which a diesel consumption of 1.1 kWh/tonne was assumed.

Scenario information	Unit (expressed per declared unit)
Collection process specified by type	1 kg collected separately
	0 kg collected with mixed construction waste
Recovery system specified by type	0 kg for re-use
	0,99 kg for recycling
	0 kg for energy recovery
Disposal specified by type	0,01 kg of product or material for final deposition

C2 Transport

This module represents the transport distance to the waste processing facility.

Scenario information	Unit per DU
Fuel type and consumption of vehicle or vehicle type	Truck-trailer, Euro 0 - 6 mix, < 40t gross weight
Distance (for materials not to be incinerated) [km]	80
Distance (for materials to be incinerated) [km]	130
Fuel/Energy consumption value [l/tkm]	2,53E-02
Capacity Utilisation (including empty returns) [%]	50
Volume capacity	1

C3 Waste processing

This module includes any waste treatment needed from recycling and incineration.

Scenario information	Energy carrier	Quantity [kWh/tonne]
Loading and unloading at the sorting facility of the demolished product	Diesel	1,8
Mechanical sorting of demolished product	Electricity	2,2
Fragging of steel	Diesel	7,4
Treatment of other materials	Diesel	0,8

C4 Final disposal

This module includes any material that is landfilled.

Scenario information	Energy carrier	Quantity [kWh/tonne]
Compacting of inert construction waste for landfills (including backfilling)	Diesel	1,6

D Benefits and loads beyond the system boundary

This module includes loads and benefits obtained from energy recovery and/or recycling materials.

Data

This declaration, including data collection and the modelled foreground system, including results, represents the production of Ventilation Channels in Sweden. Data for LCA is based on the annual average production values from the manufacturer collected in the year 2024.

Data quality

All datasets used came from reputable databases, Sphera MLC professional database 2025.1, and Ecoinvent 3.11 database, with good technological representativeness and which represent EU, RER, or RoW average for all the life cycle stages. As the specific data is less than 3 years old, the data quality can be considered very good.

Time representativeness

The primary data (foreground data) used for the product manufacturing corresponds to the period from 1st January 2024 to 31st December 2024. The datasets from generic data are not older than ten years.

Omissions of life cycle stages

The following flows were excluded from the system boundary:

- A1-A3: The plants, production of machines and transportation systems are excluded since the related flows are supposed to be negligible compared to the potential environmental impacts through the life cycle of the product
- B1-B7: The use phase of the products is not included

In addition, the following flows are excluded from the system boundaries:

- Flows related to human activities, such as employee transport

Cut-off criteria

The following procedures were followed for the exclusion of inputs and output.

- All input and output flows in a unit process were considered i.e., taking into account the value of all flows in the unit process and the corresponding LCI where data was available
- Data gaps were filled by conservative assumptions with average or generic data. Any assumptions in such cases were documented
- The use of cut-off criterion on mass inputs and primary energy at the unit process level (1%) and at the information module level (5%)

All hazardous and toxic materials and substances are included in the inventory and the cut-off rules do not apply.

Allocation

No co-product allocation has been applied since no co-products are generated, and therefore, allocation was not relevant.

Modules Declared

	Product stage			Assembly stage			Use stage				End-of-life stage				BSB		
	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-potential
	A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Declared	X	X	X	X	X	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	EU	EU	SE	EU	EU	-	-	-	-	-	-	-	EU	EU	EU	EU	EU
Specific data used	86,2 %			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation-Products	<10 %			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation-Sites	<10 %			-	-	-	-	-	-	-	-	-	-	-	-	-	-

BSB-Benefits & loads beyond system boundary

ND – Not Declared; X – Declared

*Reading example: 9,0E-03 = 9,0*10^-3 = 0,009*

Note: EPD of raw material can be provided by the EPD owner on request.

Content Declaration

Product Components	Weight (kg/DU)	Post-consumer materials weight %	Biogenic materials weight % and kg C / DU
Hot Dip Galvanised Steel	1,0000	95	0
Total Product weight	1,0000	95	0
Packaging Materials	**Weight (kg/DU)**	**Weight-% (versus the product)**	**Weight biogenic carbon, kg C / DU**
Wooden Pallet	0,0271	2,71	1,07E-02
Polypropylene (PE)	0,0032	0,32	0
Corrugated Board	0,0024	0,24	1,00E-03
Total Packaging weight	0,0327	3,27	1,17E-02

DU – Declared Unit; This is the average material composition of the products considered.

At the date of issue of this declaration, there is no “Substance of Very High Concern” (SVHC) in concentration above 0.1% by weight, and neither does the packaging, following the European REACH regulation (Registration, Evaluation, Authorization and Restriction of Chemicals)

Information on the biogenic carbon content

Biogenic carbon content[1]	Unit per FU	Amount
Biogenic carbon content in the product	kg C	0
Biogenic carbon content in packaging	kg C	1,17E-02

1 kg of biogenic carbon is equivalent to 44/12 kg of CO2.

Information on energy content

Energy content	Unit per FU	Amount
Energy content in the product	MJ	0
Energy content in the packaging	MJ	5,73E-01

Further Information

This study provides the impacts for 1 kg of product as a declared unit. All products are made from sheet metal of DX51D quality in varying thicknesses and diameters; the conversion factors (specific weight) for a unit length of a product can be obtained from the manufacturers.

Environmental Information

Potential environmental impact – indicators according to EN 15804+A2, EF 3.1

	Results per functional unit: 1 kg of Product								
Indicator	**Unit**	**A1–A3**	**A4**	**A5**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO2 eq.	9,26E-01	4,16E-02	4,95E-02	3,99E-04	1,28E-02	2,56E-03	4,52E-02	-1,21E-01
GWP-fossil	kg CO2 eq.	9,67E-01	4,11E-02	6,63E-03	3,99E-04	1,26E-02	2,56E-03	4,02E-03	-1,21E-01
GWP-biogenic	kg CO2 eq.	-4,17E-02	1,26E-04	4,29E-02	4,43E-08	5,80E-05	2,85E-07	4,12E-02	0,00E+00
GWP-LULUC	kg CO2 eq.	1,15E-03	4,04E-04	6,35E-06	4,08E-08	1,11E-04	2,62E-07	3,77E-07	-2,26E-05
ODP	kg CFC-11 eq.	7,85E-10	6,80E-11	1,61E-11	5,92E-12	6,80E-11	3,80E-11	1,44E-11	-2,97E-14
AP	mole H+ eq.	3,50E-03	1,16E-04	7,76E-06	3,56E-06	5,24E-05	2,29E-05	1,12E-05	-3,08E-04
EP-freshwater*	kg P eq.	9,16E-06	2,97E-06	7,46E-07	1,28E-08	2,89E-06	8,26E-08	4,02E-06	-5,92E-08
EP-marine	kg N eq.	9,81E-04	4,10E-05	2,25E-06	1,66E-06	1,27E-05	1,07E-05	9,33E-05	-6,65E-05
EP-terrestrial	mole N eq.	1,06E-02	4,33E-04	1,98E-05	1,82E-05	1,32E-04	1,17E-04	3,78E-05	-7,18E-04
POCP	kg NMVOC eq.	2,34E-04	9,07E-05	5,06E-06	5,43E-06	3,30E-05	3,49E-05	2,67E-05	-2,43E-04
ADP-minerals & metals**	kg Sb eq.	3,41E-05	3,66E-08	1,06E-08	1,42E-10	3,47E-08	9,15E-10	1,16E-09	-1,32E-06
ADP-fossil**	MJ	1,25E+01	5,42E-01	2,67E-02	5,14E-03	1,78E-01	3,30E-02	1,89E-02	-1,52E+00
WDP**	m3	2,27E-01	1,25E-03	1,25E-03	1,57E-05	1,12E-03	1,01E-04	-8,14E-03	1,41E-02
Acronyms	GWP-total: Global Warming Potential; GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals & metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential, deprivation-weighted water consumption								

**Results in kg PO4 eq. can be obtained by multiplying the results in kg P eq. by a factor of 3,07.*

***Results of this environmental impact indicator shall be used with care, as the uncertainties on these results are high or as there is limited experience with the indicator.*

Additional Mandatory indicator

	Results per declared unit: 1 kg of Product								
Indicator	**Unit**	**A1–A3**	**A4**	**A5**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-GHG	kg CO2 eq.	9,69E-01	4,17E-02	6,64E-03	3,99E-04	1,27E-02	2,56E-03	4,52E-02	-1,21E-01

GWP-GHG indicator accounts for all greenhouse gases except biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. As such, the indicator is identical to GWP-total except that the CF for biogenic CO2 is set to zero. This means that the uptake and emissions of biogenic CO2 are "balanced out" already in modules A1-A3, instead of in modules A1-A5 (for packaging) or modules A-C (for product).

Use of resources

	Results per declared unit: 1 kg of Product								
Indicator	**Unit**	**A1–A3**	**A4**	**A5**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	MJ	2,08E+01	4,82E-02	5,76E-03	3,27E-05	2,07E-02	2,10E-04	-5,15E-03	-5,26E-02
PERM	MJ	4,68E-01	0,00E+00	-4,68E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	MJ	2,13E+01	4,82E-02	-4,62E-01	3,27E-05	2,07E-02	2,10E-04	-5,15E-03	-5,26E-02
PENRE	MJ	1,24E+01	5,42E-01	2,67E-02	5,14E-03	1,78E-01	3,30E-02	1,89E-02	-1,52E+00
PENRM	MJ	1,05E-01	0,00E+00	-1,05E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	MJ	1,25E+01	5,42E-01	-7,83E-02	5,14E-03	1,78E-01	3,30E-02	1,89E-02	-1,52E+00
SM	kg	9,50E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,75E-02
RSF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	m3	6,41E-03	4,37E-05	2,97E-05	3,66E-07	3,01E-05	2,35E-06	-1,92E-04	1,99E-04
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water								

Waste and output flows

Waste

	Results per declared unit: 1 kg of Product								
Indicator	**Unit**	**A1–A3**	**A4**	**A5**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	kg	9,64E-04	2,83E-04	4,17E-05	4,60E-06	2,83E-04	2,95E-05	2,12E-05	-1,65E-08
NHWD	kg	1,77E-01	6,47E-04	2,03E-03	3,41E-05	5,96E-04	2,19E-04	1,31E-01	-2,45E-03
RWD	kg	3,83E-04	1,21E-06	1,29E-07	0,00E+00	5,17E-07	0,00E+00	-1,46E-06	-1,74E-06
Acronyms	HW Hazardous waste disposed; NHW Non-hazardous waste disposed; RW Radioactive waste disposed								

Output flows

	Results per declared unit: 1 kg of Product								
Indicator	**Unit**	**A1–A3**	**A4**	**A5**	**C1**	**C2**	**C3**	**C4**	**D**
CRU	kg	0,00E+00	0,00E+00	2,71E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	kg	2,00E-02	0,00E+00	1,76E-03	0,00E+00	0,00E+00	9,50E-01	0,00E+00	0,00E+00
MER	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	MJ	0,00E+00	0,00E+00	1,07E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	MJ	0,00E+00	0,00E+00	2,22E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Acronyms	CRU Components for reuse; MFR Materials for recycling; MER Materials for energy recovery; EEE Exported electric energy; ETE Exported thermal energy								

Note: It is discouraged to use the results of modules A1-A3 (A1-A5 for services) without considering the results of module C. The results presented for modules A1-A3 alone shall not be used for comparisons unless all relevant lifecycle stages, particularly end-of-life (C1-C4), are included. This ensures a more accurate and representative assessment of the environmental impact over the full product life cycle.

Disclaimer: The estimated impact results are only relative statements, which do not indicate the endpoints of the impact categories, exceeding threshold values, safety margins, and/or risks.

Additional Requirements

Location-based electricity mix from the use of electricity in manufacturing

The GWP-GHG values for the manufacturing stage impacts are presented according to the national electricity mix with data retrieved from the Association of Issuing Bodies (2022).

National electricity grid	Data source	GWP excl. biogenic[kg CO2 -eq/kWh]
Electricity Residual Mix - Sweden	2022	7,16 E-02

Disclaimers

ILCD classification	Indicator	Disclaimer
ILCD Type 1	Global warming potential (GWP)	None
	Depletion potential of the stratospheric ozone layer (ODP)	None
	Potential incidence of disease due to PM emissions (PM)	None
ILCD Type 2	Acidification potential, Accumulated Exceedance (AP)	None
	Eutrophication potential, Fraction of nutrients reaching freshwater end compartment (EP-freshwater)	None
	Eutrophication potential, Fraction of nutrients reaching marine end compartment (EP-marine)	None
	Eutrophication potential, Accumulated Exceedance (EP-terrestrial)	None
	Formation potential of tropospheric ozone (POCP)	None
	Potential Human exposure efficiency relative to U235 (IRP)	1
ILCD Type 3	Abiotic depletion potential for non-fossil resources (ADP-minerals & metals)	1
	Abiotic depletion potential for fossil resources (ADP-fossil)	1
	Water (user) deprivation potential, deprivation-weighted water consumption (WDP)	1
Disclaimer 1 – The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experience with the indicator.		
Note 1: The estimated impact results are only relative statements, which do not indicate the endpoints of the impact categories, exceeding threshold values, safety margins, and/or risks.		
Note 2: The results presented for modules A1-A3 alone shall not be used for comparisons unless all relevant lifecycle stages, particularly end-of-life (C1-C4), are included. This ensures a more accurate and representative environmental impact assessment over the full product life cycle.		

Abbreviations

CPC	Central Product Classification
CPR	Construction Product Regulation
EPD	Environmental Product Declaration
EU	European Union
GHG	Greenhouse Gas
GPI	General Programme Instructions
GWP	Global Warming Potential
ISO	International Organization for Standardization
LCA	Life Cycle Assessment
LCI	Life Cycle Inventory
ND	Not Declared
PCR	Product Category Rules
PEF	Product Environmental Footprint
REACH	Restriction of Chemicals
RSL	Reference Service Life
SI	The International System of Units
SVHC	Substance of Very High Concern
UN	United Nations

References

EN 15804:2012+A2	Sustainability of construction works: Environmental product declaration – Core rules for the product category of construction products
EPD International (2024)	General Programme Instructions of the International EPD® System, version 5.0
EPD International (2021)	General Programme Instructions of the International EPD® System, version 4.0
EPD International (2024)	PCR 2019:14. Construction products and construction services (EN 15804: A2) v1.3.4
ISO 14020:2000	Environmental labels and declarations: General principles
ISO 14025:2006	International Standard ISO 14025: Environmental labels and declarations — Type III environmental declarations — Principles and procedures
ISO 14040:2006	International Standard ISO 14040: Environmental Management – Life cycle assessment – Principles and framework. Second edition 2006-07-01.
ISO 14044:2006	International Standard ISO 14044: Environmental Management – Life cycle assessment – Requirements and Guidelines.
SCB (2023)	https://www.statistikdatabasen.scb.se/pxweb/en/ssd/START__MI__MI0305/MI0305T003/table/tableViewLayout1/ Accessed 2024-07-20
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