

Environmental product declaration

in accordance with ISO 14025 and EN 15804+A2

Nordic S7 SW Air Handling Unit



The Norwegian EPD Foundation

Owner of the declaration:

Flexit AS

Product:

Nordic S7 SW Air Handling Unit

Declared unit:

1 pcs

This declaration is based on Product Category Rules:

CEN Standard EN 15804:2012+A2:2019 serves as core PCR

NPCR 030:2021 Part B for ventilation components

Program operator:

The Norwegian EPD Foundation

Declaration number:

NEPD-9539-9190

Registration number:

NEPD-9539-9190

Issue date:

31.03.2025

Valid to:

31.03.2030

EPD software:

LCAno EPD generator ID: 715261

General information

Product

Nordic S7 SW Air Handling Unit

Program operator:

The Norwegian EPD Foundation
Post Box 5250 Majorstuen, 0303 Oslo, Norway
Phone: +47 977 22 020
web: www.epd-norge.no

Declaration number:

NEPD-9539-9190

This declaration is based on Product Category Rules:

CEN Standard EN 15804:2012+A2:2019 serves as core PCR
NPCR 030:2021 Part B for ventilation components

Statement of liability:

The owner of the declaration shall be liable for the underlying information and evidence. EPD Norway shall not be liable with respect to manufacturer information, life cycle assessment data and evidences.

Declared unit:

1 pcs Nordic S7 SW Air Handling Unit

Declared unit with option:

A1-A3, A4, C1, C2, C3, C4, D

Functional unit:

General information on verification of EPD from EPD tools:

Independent verification of data, other environmental information and the declaration according to ISO 14025:2010, § 8.1.3 and § 8.1.4. Verification of each EPD is made according to EPD-Norway's guidelines for verification and approval requiring that tools are i) integrated into the company's environmental management system, ii) the procedures for use of the EPD tool are approved by EPD-Norway, and iii) the process is reviewed annually by an independent third party verifier. See Appendix G of EPD-Norway's General Programme Instructions for further information on EPD tools

Verification of EPD tool:

Independent third party verification of the EPD tool, background data and test-EPD in accordance with EPDNorway's procedures and guidelines for verification and approval of EPD tools.

Third party verifier:

Alexander Borg, Asplan Viak AS

(no signature required)

Owner of the declaration:

Flexit AS
Contact person: Anton Olsson
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Manufacturer:

Flexit AS
Moseveien 8
1870 Ørje, Norway

Place of production:

Flexit AB
Källhultsvängen 5B
672 41 Töcksfors, Sweden

Management system:

ISO 14001 : 2015 iaf

Organisation no:

502066-4826

Issue date:

31.03.2025

Valid to:

31.03.2030

Year of study:

2024

Comparability:

EPDs of construction products may not be comparable if they do not comply with EN 15804 and are not seen in a building context.

Development and verification of EPD:

The declaration is created using EPD tool lca.tools ver EPD2022.03, developed by LCA.no. The EPD tool is integrated in the company's management system and has been approved by EPD Norway.
NEPDT46 VKEs EPD-generator

Developer of EPD: Viktor Lennartsson

Reviewer of company-specific input data and EPD: Anton Olsson

Approved:



Håkon Hauan, CEO EPD-Norge

Product

Product description:

Nordic S7 SW is an air handling unit developed for energy efficiency in the nordic climate and is suitable for installment in apartments, houses, villas and small commercial buildings.

The unit includes a rotating heat exchanger, with a temperature efficiency up to 90%, and fans with low energy consumption, as well as a cooling recovery and a defrost function. It is controlled via the Flexit GO app, and can be supplemented with various accessories (wireless or wired), e.g. control panel, moisture sensor, or CO2 sensor.

Placement is upright on the wall or on the floor.

Product specification

Materials	kg	%
Adhesive	3,58	4,34
Bitumen	1,50	1,81
Electronic - Printed wiring board	0,31	0,38
Electronic - Unspecified	0,42	0,50
Electronic - Wire	1,12	1,35
Filter, mineral based	0,54	0,65
Filter, plastic based	2,32	2,81
Glass fibre reinforced plastic, polyamide	0,95	1,16
Metal - Aluminium	4,95	6,0034
Metal - Brass	0,0010	0,0012
Metal - Stainless steel	0,65	0,78
Metal - Steel	58,22	70,61
Motor	4,83	5,85
Other	0,050	0,060
Plastic - Polyamide	0,19	0,23
Plastic - Polyethylene	0,32	0,39
Plastic - Polyethylene (HDPE)	0,0020	0,0024
Plastic - Polyethylene terephthalate (PET)	1,39	1,68
Plastic - Polyoxymethylene (POM)	0,0060	0,0072
Plastic - Polyvinyl chloride (PVC)	0,14	0,17
Plastics	0,16	0,20
Polymeric Foam	0,14	0,18
Printed paper	0,021	0,025
Rubber, synthetic	0,18	0,21
Sealant	0,36	0,43
Silicon products	0,048	0,058
Total	82,45	100,00

Packaging	kg	%
Packaging - Cardboard	4,10	24,78
Packaging - Pallet	12,00	72,52
Packaging - Paper	0,20	1,21
Packaging - Plastic	0,25	1,49
Total incl. packaging	99,00	100,00

Technical data:

The total weight of the product is 82,5 kg. The packaging has a average weight of 16,5 kg.

For more technical specification, please visit our website:

www.flexit.com

Market:

Europe

Reference service life, product

25

Reference service life, building or construction works

60

LCA: Calculation rules

Declared unit:

1 pcs Nordic S7 SW Air Handling Unit

Cut-off criteria:

All major raw materials and all the essential energy is included. The production processes for raw materials and energy flows with very small amounts (less than 1%) are not included. These cut-off criteria do not apply for hazardous materials and substances.

Allocation:

The allocation is made in accordance with the provisions of EN 15804. Energy, water and waste production in-house is allocated equally among all products through mass allocation. Effects of primary production of recycled materials is allocated to the main product in which the material was used. The recycling process and transportation of the material is allocated to this analysis.

Data quality:

Specific data for the product composition are provided by the manufacturer. The data represent the production of the declared product and were collected for EPD development in the year of study. Background data is based on EPDs according to EN 15804 and different LCA databases. The data quality of the raw materials in A1 is presented in the table below.

Materials	Source	Data quality	Year
Adhesive	ecoinvent 3.6	Database	2019
Bitumen	Eurobitume (2019)	LCI	2019
Electronic - Printed wiring board	ecoinvent 3.6	Database	2019
Electronic - Unspecified	ecoinvent 3.6	Database	2019
Electronic - Wire	Product composition + ecoinvent 3.6	Supplier data + database	2019
Filter, mineral based	ecoinvent 3.6	Database	2019
Filter, plastic based	ecoinvent 3.6	Database	2019
Filter, plastic based	Modified ecoinvent 3.6	Database	2019
Glass fibre reinforced plastic, polyamide	Modified ecoinvent 3.6	Database	2019
Metal - Aluminium	Modified ecoinvent 3.6	Database	2019
Metal - Brass	ecoinvent 3.6	Database	2019
Metal - Stainless steel	ecoinvent 3.6	Database	2019
Metal - Steel	ecoinvent 3.6	Database	2019
Metal - Steel	Modified ecoinvent 3.6	Database	2019
Motor	Modified ecoinvent 3.6	Database	2019
Other	Material composition + ecoinvent 3.6	Supplier data + database	2019
Packaging - Cardboard	ecoinvent 3.6	Database	2019
Packaging - Pallet	ecoinvent 3.6	Database	2019
Packaging - Paper	ecoinvent 3.6	Database	2019
Packaging - Plastic	ecoinvent 3.6	Database	2019
Plastic - Polyamide	ecoinvent 3.6	Database	2019
Plastic - Polyethylene	ecoinvent 3.6	Database	2019
Plastic - Polyethylene (HDPE)	ecoinvent 3.6	Database	2019
Plastic - Polyethylene terephthalate (PET)	ecoinvent 3.6	Database	2019
Plastic - Polyoxymethylene (POM)	ecoinvent 3.6	Database	2019
Plastic - Polyvinyl chloride (PVC)	ecoinvent 3.6	Database	2019
Plastics	ecoinvent 3.6	Database	2019
Polymeric Foam	ecoinvent 3.6	Database	2019
Printed paper	ecoinvent 3.6	Database	2019
Rubber, synthetic	ecoinvent 3.6	Database	2019
Sealant	ecoinvent 3.6	Database	2019
Silicon products	ecoinvent 3.6	Database	2019

System boundaries (X=included, MND=module not declared, MNR=module not relevant)

Product stage			Construction installation stage		Use stage								End of life stage				Beyond the system boundaries
Raw materials	Transport	Manufacturing	Transport	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction 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	
X	X	X	X	MND	MND	MND	MND	MND	MND	MND	MND	X	X	X	X	X	

System boundary:

A1 includes the extraction and production of all raw materials used in the product

A2 includes all types of transportation methods used for the raw materials to the production site in Töcksfors, Sweden

A3 includes the manufacturing and packaging process of the air handling unit

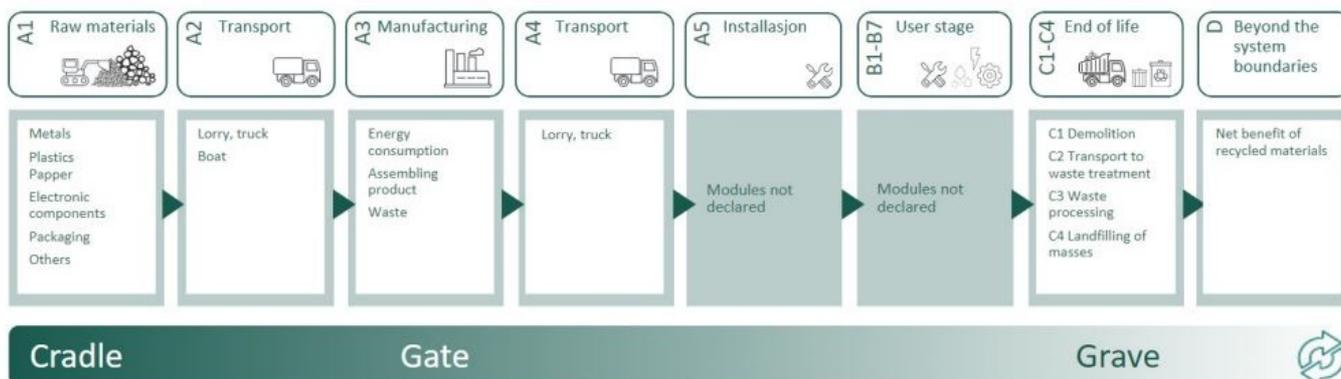
A4 includes the transport to the market/user

A5 modules not declared

B1 - B7 modules not declared

C1 - C4 includes the use of energy and other auxiliary materials required to demolish the building or construction in which the product is included, as well as transport from the building site to the waste processing facility, distribution of the product to different waste treatment methods and the disposal

D includes energy and materials that have achieved a new function and are no longer considered waste



Additional technical information:

During the lifetime of the air handling unit, some parts, such as the filters will need to be replaced minimum once a year.

For a full account of maintenance information, please visit our website:
www.flexit.com

LCA: Scenarios and additional technical information

The following information describe the scenarios in the different modules of the EPD.

A2: The transport methods used then there were no available data from the suppliers, were assumed to be:

Sweden, Finland and Norway - Class EURO 6 trucks

Thailand, Vietnam and Taiwan - Class EURO 4 trucks

Remaining countries - Class EURO 5 trucks

Distances with seagoing vessels - Ship, Freight, Transoceanic (km)

A3: The energy used in manufacturing was calculated by: the total yearly energy consumption (kWh) divided by the total yearly production of air handling units (kg)

A4: For the Nordic market, the default average travel distance from the manufacturing site to the building site is 300 km provided in NPCR 030 Part B for ventilation components.

C2: The average distance used from the deconstruction site to the waste processing facility is 85 km for the Norwegian market.

Transport from production place to user (A4)	Capacity utilisation (incl. return) %	Distance (km)	Fuel/Energy Consumption	Unit	Value (Liter/tonne)
Truck, 16-32 tonnes, EURO 6 (km)	36,7 %	300	0,043	l/tkm	12,90
De-construction demolition (C1)					
Unit	Value				
Demolition of building per kg of ventilation product (kg)	kg	82,50			
Transport to waste processing (C2)	Capacity utilisation (incl. return) %	Distance (km)	Fuel/Energy Consumption	Unit	Value (Liter/tonne)
Truck, 16-32 tonnes, EURO 6 (km)	36,7 %	85	0,043	l/tkm	3,66
Waste processing (C3)					
Unit	Value				
Materials to recycling (kg)	kg	62,54			
Waste treatment per kg Bulk iron waste, excluding reinforcement, sorting plant (kg)	kg	4,83			
Waste treatment per kg Bitumen sheet, incineration with fly ash extraction (kg)	kg	1,50			
Waste treatment per kg Hazardous waste, incineration (kg)	kg	3,76			
Waste treatment per kg Polypropylene (PP), incineration (kg)	kg	0,010			
Waste treatment per kg Rubber, municipal incineration with fly ash extraction (kg)	kg	0,18			
Waste treatment per kg Plastics, to incineration (kg)	kg	3,52			
Waste treatment per kg Polyvinylchloride (PVC), incineration with fly ash extraction (kg)	kg	0,14			
Waste treatment per kg Polyoxymethylene (POM), incineration with fly ash extraction (kg)	kg	0,0060			
Waste treatment per kg wire plastic, municipal incineration - C3 - RoW	kg	0,011			
Waste treatment per kg Electronics scrap, Control units, incineration (kg)	kg	0,42			
Waste treatment per kg Paper and Paperboard, incineration - C3 (kg)	kg	0,021			
Waste treatment per kg Polyethylene (PE), incineration (kg)	kg	0,16			
Waste treatment per kg Polyethylene terephthalate (PET), incineration with fly ash extraction (kg)	kg	0,69			

Disposal (C4)	Unit	Value			
Waste, aluminium, to landfill (kg)	kg	0,37			
Waste, scrap steel, to landfill (kg)	kg	6,25			
Waste treatment per kg Copper slag, to landfill, residual material landfill (kg) - GLO	kg	0,14			
Landfilling of ashes from incineration of Bitumen sheet, process per kg ashes and residues (kg)	kg	0,55			
Landfilling of ashes from incineration per kg Hazardous waste, from incineration (kg)	kg	0,71			
Waste, hazardous waste, to landfill (kg)	kg	0,18			
Waste, plastic, mixture, to landfill (kg)	kg	1,97			
Landfilling of ashes from incineration of Polypropylene (PP), process per kg ashes and residues (kg)	kg	0,00029			
Landfilling of ashes from incineration of Rubber, municipal incineration with fly ash extraction (kg)	kg	0,0094			
Waste, mineral wool, to landfil (kg)	kg	0,54			
Landfilling of ashes from incineration of Plastics, process per kg ashes and residues (kg)	kg	0,077			
Landfilling of ashes from incineration of Polyvinylchloride (PVC), process per kg ashes and residues (kg)	kg	0,023			
Landfilling of ashes from incineration of Polyoxymethylene (POM), process per kg ashes and residues (kg)	kg	0,00013			
Landfilling of ashes from incineration per kg wire plastic, from municipal incineration - C4 - RoW	kg	0,0017			
Landfilling of ashes from incineration of Electronics scrap, Control units, process of ashes and residues (kg)	kg	0,29			
Landfilling of ashes from incineration of Paperboard, process per kg ashes and residues (kg)	kg	0,00037			
Landfilling of ashes from incineration of Polyethylene (PE), process per kg ashes and residues (kg)	kg	0,0057			
Landfilling of ashes from incineration of Polyethylene terephthalate (PET), process per kg ashes and residues (kg)	kg	0,015			

Benefits and loads beyond the system boundaries (D)	Unit	Value			
Substitution of primary aluminium with net scrap (kg)	kg	4,81			
Substitution of primary steel with net scrap (kg)	kg	51,23			
Substitution of primary copper with net scrap (kg)	kg	0,87			
Substitution of electricity, in Norway (MJ)	MJ	3,64			
Substitution of thermal energy, district heating, in Norway (MJ)	MJ	55,10			
Substitution of primary Brass with net scrap (kg)	kg	0,00046			

LCA: Results

The LCA results are presented below for the declared unit defined on page 2 of the EPD document.

Environmental impact									
Indicator	Unit	A1-A3	A4	C1	C2	C3	C4	D	
 GWP-total	kg CO ₂ -eq	5,42E+02	4,85E+00	1,09E-01	1,38E+00	2,34E+01	6,67E-01	-1,03E+02	
 GWP-fossil	kg CO ₂ -eq	5,64E+02	4,85E+00	1,09E-01	1,37E+00	2,34E+01	6,67E-01	-1,02E+02	
 GWP-biogenic	kg CO ₂ -eq	-2,34E+01	2,01E-03	2,04E-05	5,69E-04	2,16E-02	2,86E-04	-2,38E-01	
 GWP-luluc	kg CO ₂ -eq	1,22E+00	1,73E-03	8,57E-06	4,89E-04	2,32E-03	4,02E-04	-8,51E-01	
 ODP	kg CFC11 -eq	3,71E-05	1,10E-06	2,35E-08	3,11E-07	1,04E-06	4,38E-08	-2,33E-02	
 AP	mol H ⁺ -eq	5,05E+00	1,39E-02	1,14E-03	3,95E-03	1,54E-02	1,46E-03	-9,25E-01	
 EP-FreshWater	kg P -eq	5,29E-02	3,88E-05	3,96E-07	1,10E-05	2,09E-04	5,98E-06	-7,53E-03	
 EP-Marine	kg N -eq	7,52E-01	2,76E-03	5,02E-04	7,82E-04	3,58E-03	6,63E-04	-1,10E-01	
 EP-Terrestrial	mol N -eq	1,20E+01	3,09E-02	5,51E-03	8,74E-03	3,92E-02	4,85E-03	-1,23E+00	
 POCP	kg NMVOC -eq	2,57E+00	1,18E-02	1,52E-03	3,35E-03	1,06E-02	1,49E-03	-4,82E-01	
 ADP-minerals&metals ¹	kg Sb-eq	1,54E-01	1,34E-04	1,67E-07	3,80E-05	3,29E-05	1,55E-06	-2,90E-03	
 ADP-fossil ¹	MJ	7,06E+03	7,33E+01	1,50E+00	2,08E+01	3,78E+01	3,82E+00	-1,04E+03	
 WDP ¹	m ³	6,24E+04	7,09E+01	3,18E-01	2,01E+01	1,53E+02	4,86E+01	-2,15E+04	

GWP-total = Global Warming Potential total; 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

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

*INA Indicator Not Assessed

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 experienced with the indicator

Remarks to environmental impacts

Additional environmental impact indicators									
Indicator	Unit	A1-A3	A4	C1	C2	C3	C4	D	
 PM	Disease incidence	4,47E-05	2,97E-07	3,01E-08	8,42E-08	2,06E-07	1,95E-08	-8,53E-06	
 IRP ²	kgBq U235 -eq	3,34E+01	3,21E-01	6,42E-03	9,08E-02	1,70E-01	1,77E-02	-2,22E+00	
 ETP-fw ¹	CTUe	3,46E+04	5,44E+01	8,18E-01	1,54E+01	2,14E+02	2,42E+02	-7,06E+03	
 HTP-c ¹	CTUh	1,82E-06	0,00E+00	0,00E+00	0,00E+00	8,90E-09	3,78E-09	-4,26E-07	
 HTP-nc ¹	CTUh	2,39E-05	5,94E-08	7,43E-10	1,68E-08	7,69E-08	2,38E-07	6,81E-07	
 SQP ¹	dimensionless	4,20E+03	5,13E+01	1,90E-01	1,45E+01	1,45E+01	1,14E+01	-1,12E+02	

PM = Particulate Matter emissions; IRP = Ionizing radiation – human health; ETP-fw = Eco toxicity – freshwater; HTP-c = Human toxicity – cancer effects; HTP-nc = Human toxicity – non cancer effects; SQP = Potential Soil Quality Index (dimensionless)

"Reading example: 9,0 E-03 = $9,0 \cdot 10^{-3} = 0,009$ "

*INA Indicator Not Assessed

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 experienced with the indicator
2. 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.

Resource use									
Indicator	Unit	A1-A3	A4	C1	C2	C3	C4	D	
 PERE	MJ	9,31E+02	1,05E+00	8,10E-03	2,98E-01	6,59E+00	4,03E-01	-2,71E+02	
 PERM	MJ	2,03E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	
 PERT	MJ	1,13E+03	1,05E+00	8,10E-03	2,98E-01	6,59E+00	4,03E-01	-2,71E+02	
 PENRE	MJ	6,74E+03	7,34E+01	1,50E+00	2,08E+01	3,78E+01	3,82E+00	-1,04E+03	
 PENRM	MJ	3,87E+02	0,00E+00	0,00E+00	0,00E+00	-1,34E+01	0,00E+00	0,00E+00	
 PENRT	MJ	7,12E+03	7,34E+01	1,50E+00	2,08E+01	2,44E+01	3,82E+00	-1,04E+03	
 SM	kg	7,68E+00	0,00E+00	7,35E-04	0,00E+00	5,32E-05	3,93E-03	6,15E-01	
 RSF	MJ	7,11E+00	3,76E-02	1,99E-04	1,06E-02	1,46E-01	5,21E-03	2,01E+00	
 NRSF	MJ	8,36E+01	1,34E-01	2,93E-03	3,81E-02	-2,06E-04	7,75E-02	5,80E+01	
 FW	m ³	4,71E+00	7,84E-03	7,71E-05	2,22E-03	4,88E-02	5,69E-03	-1,28E+00	

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 resources; SM = Use of secondary materials; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Net use of fresh water

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

*INA Indicator Not Assessed

End of life - Waste									
Indicator	Unit	A1-A3	A4	C1	C2	C3	C4	D	
	HWD	kg	3,50E+00	3,78E-03	4,41E-05	1,07E-03	1,40E-03	7,51E-01	-1,37E-01
	NHWD	kg	1,37E+02	3,57E+00	1,77E-03	1,01E+00	3,96E+00	1,03E+01	-3,66E+01
	RWD	kg	2,35E-02	5,00E-04	1,04E-05	1,42E-04	1,43E-06	5,74E-06	-2,11E-03

HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed

*Reading example: 9,0 E-03 = $9,0 \cdot 10^{-3} = 0,009$

*INA Indicator Not Assessed

End of life - Output flow									
Indicator	Unit	A1-A3	A4	C1	C2	C3	C4	D	
	CRU	kg	0,00E+00						
	MFR	kg	3,29E+00	0,00E+00	7,22E-04	0,00E+00	6,25E+01	2,06E-04	-2,41E-02
	MER	kg	1,02E-01	0,00E+00	2,24E-06	0,00E+00	6,49E+00	4,77E-06	-3,17E-03
	EEE	MJ	6,21E-01	0,00E+00	7,67E-06	0,00E+00	3,88E+00	2,83E-04	-7,78E-03
	EET	MJ	9,40E+00	0,00E+00	1,16E-04	0,00E+00	5,86E+01	4,29E-03	-1,18E-01

CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported energy electrical; EET = Exported energy thermal

*Reading example: 9,0 E-03 = $9,0 \cdot 10^{-3} = 0,009$

*INA Indicator Not Assessed

Biogenic Carbon Content		
Indicator	Unit	At the factory gate
Biogenic carbon content in product	kg C	5,50E-03
Biogenic carbon content in accompanying packaging	kg C	6,95E+00

Note: 1 kg biogenic carbon is equivalent to 44/12 kg CO₂

Additional requirements

Greenhouse gas emissions from the use of electricity in the manufacturing phase

National production mix from import, low voltage (production of transmission lines, in addition to direct emissions and losses in grid) of applied electricity for the manufacturing process (A3).

Electricity mix	Source	Amount	Unit
Electricity, Sweden (kWh)	ecoinvent 3.6	54,94	g CO ₂ -eq/kWh

Dangerous substances

The product contains no substances on the REACH Candidate list at or above 100 ppm, 0,01 % by weight.

Indoor environment

Additional Environmental Information

Additional environmental impact indicators required in NPCR Part A for construction products								
Indicator	Unit	A1-A3	A4	C1	C2	C3	C4	D
GWPIOBC	kg CO ₂ -eq	5,67E+02	4,85E+00	1,09E-01	1,38E+00	2,35E+01	6,77E-01	-1,28E+02

GWPI-IOBC: Global warming potential calculated according to the principle of instantaneous oxidation. In order to increase the transparency of biogenic carbon contribution to climate impact, the indicator GWP-IOBC is required as it declares climate impacts calculated according to the principle of instantaneous oxidation. GWP-IOBC is also referred to as GWP-GHG in context to Swedish public procurement legislation.

Bibliography

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