epddanmark

ECO PLATFORM EPD VERIFIED

Owner:	ECLISSE Scandinavia ApS
No.:	MD-25100-EN_rev1
1st Issue:	05-08-2025
Revision:	26-08-2026
Valid to:	05-08-2030

3rd PARTY **VERIFIED**

EPD

VERIFIED ENVIRONMENTAL PRODUCT DECLARATION | **ISO 14025 & EN 15804**

Owner of declaration
ECLISSE Scandinavia ApS
Østerbro 4
5690 Tommerup, Denmark
DK 3640 2962

Programme
EPD Danmark
www.epddanmark.dk

☐ Industry EPD
☒ Product EPD

Declared product(s)
The EPD covers a semi-solid and a cellular sliding door leaf, along with a track, coverboard and jambs for surface-mounted sliding doors.

The sliding door leaf with semi-solid core is available in two variants. Grouping of products is performed, and calculations are based on the worst case product in the product group.

Number of declared datasets/product variations: 5

Production site
Products are manufactured at two respective production sites:
- Lääne, Estonia (sliding door leaf)
- Lubiszewo Tczewskie, Poland (track, coverboard, jambs)

Use of Guarantees of Origin
☒ No certificates used
☐ Electricity covered by GoO
☐ Biogas covered by GoO

Declared unit
The declared unit is 1 m^2 door leaf.

Results are based on a door leaf size of 925×2040mm, with door components dimensioned proportionally to this reference.

Year of production site data (A3)
2023

EPD version
Version 2, 26-08-2026: Update in logo and product description

Issued: 05-08-2025
Valid to: 05-08-2030

Basis of calculation
This EPD is developed and verified in accordance with the European standard EN 15804+A2.

Comparability
EPDs of construction products may not be comparable if they do not comply with the requirements in EN 15804. EPD data may not be comparable if the datasets used are not developed in accordance with EN 15804 and if the background systems are not based on the same database.

Validity
This EPD has been verified in accordance with ISO 14025 and is valid for 5 years from the date of issue.

Use
The intended use of an EPD is to communicate scientifically based environmental information for construction products, for the purpose of assessing the environmental performance of buildings.

EPD type
☐Cradle-to-gate with modules C1-C4 and D
☐Cradle-to-gate with options, modules C1-C4 and D
☒Cradle-to-grave and module D
☐Cradle-to-gate
☐Cradle-to-gate with options

CEN standard EN 15804 serves as the core PCR

Independent verification of the declaration and data, according to EN ISO 14025

☐ internal ☒ external

Third party verifier:

David Althoff Palm, Dalemarken AB

Martha Katrine Sørensen
EPD Danmark

Life cycle stages and modules (MND = module not declared)

Product			Construction process		Use							End of life				Beyond the system boundary
Raw material supply	Transport	Manufacturing	Transport	Installation process	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Re-use, recovery and recycling potential
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Product information

Product description

This EPD covers two types of a sliding door leaf with painted finish, along with a track, coverboard and jambs for surface-mounted sliding doors:

- Track – external wall
- Coverboard – external wall, painted
- Jambs – external wall, painted
- Sliding door leaf (semi-solid), painted
- Sliding door leaf (cellular), painted

The main product components are shown in the table below.

	Wood-based materials	Adhesives & coatings	Metal	Plastic
Material	Weight-% of declared product			
Track	-	-	92,5%	7,5%
Coverboard	84,1%	14,8%	0,7%	0,4%
Jambs	93,6%	6,3%	-	0,05%
Door leaf (semi-solid), painted	94,1%	4,5%	1,4%	-
Door leaf (cellular), painted	90,9%	7,0%	2,2%	-

Product packaging

The composition of the sales- and transport packaging of the product is shown in the table below, given in kg/DU and as weight-%.

	Cardboard	Wooden pallet	Plastic
Material	Weight of product packaging [kg]		
Rail	0,05	0,19	-
Coverboard	0,13	0,19	-
Jambs	0,13	0,19	-
Door leaf (semi-solid), painted	0,18	0,35	0,14
Door leaf (cellular), painted	0,18	0,35	0,14
Material	Weight-% of product packaging		
Rail	20%	80%	-
Coverboard	40%	60%	-
Jambs	40%	60%	-
Door leaf (semi-solid), painted	27%	52%	21%
Door leaf (cellular), painted	27%	52%	21%

Representativity

This declaration, including data collection and the modeled foreground system including results, represents the production of sliding door leaves at the production site in Estonia, and rail, coverboard and jambs for surface mounted sliding doors at the production site in Poland. Product specific data are based on average values collected for the production period 2023. Background data are based on LCA for Experts database 2024.1 and Ecoinvent database 3.10 and are less than 10 years old. Generally, the used background datasets are of high quality, and the majority of the datasets are only a couple of years old.

Hazardous substances

The products declared within this EPD do not contain substances listed on the ”Candidate List of Substances of Very High Concern for authorisation”.

(http://echa.europa.eu/candidate-list-table)

Product(s) use

A sliding door leaf is the main operable component of a sliding door system, moving horizontally along a track to enable smooth and space-efficient operation. The track provides the guiding mechanism for the sliding motion, ensuring stability and smooth movement of the door leaf. The coverboard conceals the track, offering a clean and aesthetic appearance. Jambs are the vertical framing elements installed at the edges of the doorway, providing structural support and a finished look to the surface-mounted sliding door system.

Essential characteristics

The unit includes a retractable track system that allows for servicing or replacement without requiring the dismantling of walls or damaging the sliding door.

Information about the door leaves declared can be obtained by contacting the distributor or on the distributor's website:

https://eclisse.dk/

Reference Service Life (RSL)

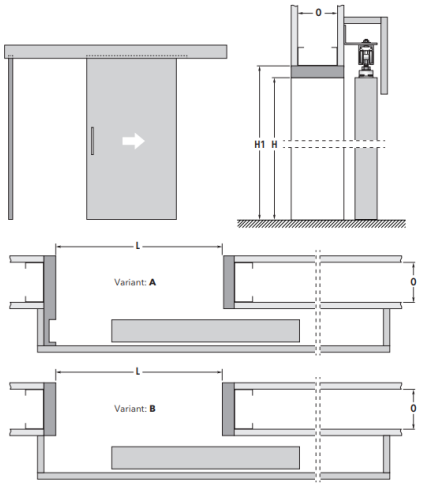
The RSL of the products covered in this EPD are shown in the table below cf. Annex 4 in "BUILD rapport 2021:32 – BUILD levetidstabel version 2021".

RSL information				
	Unit	Door leaf	Rail	Coverboard & Jambs
RSL	year	50	60	40

List and picture of product (s)

This EPD covers two types of painted sliding door leaf, along with a track, coverboard and jambs for surface-mounted sliding doors, as presented in the table below. For an overview of the products, please consult the company's website at https://eclisse.dk/, or contact ECLISSE Scandinavia directly via phone at +45 64 67 34 69 or by email at info@eclisse.dk.

Declared products, ECLISSE Scandinavia	
Product description	**Product picture**
Track – external wall (ID: 0201) The declared product is a track for surface-mounted sliding doors. It is compatible with a door leaf sized M9x21 and has a total weight of 1,51 kg.	
Coverboard – external wall, painted (ID: 0210) The declared product is a coverboard for surface-mounted sliding doors. It is compatible with a door leaf sized M9x21 and has a total weight of 6,07 kg.	
Jambs – external wall, painted (ID: 0209) The declared product is a set of jambs for a surface-mounted sliding door with a painted finish. Jambs are the vertical and horizontal framing components that surround and finish the opening of a surface-mounted sliding door system. It is compatible with a door leaf sized M9x21 and has a total weight of 14,21 kg.	
Sliding door leaf, semi-solid, painted (ID: 0202) The declared product is a painted sliding door leaf in size M9x21, with a thickness of 40 mm. It is wood-based, with a semi-solid core[1] structure. Calculations are based on a door leaf with weight 26,13 kg.	
Sliding door leaf - cellular, painted (ID: 0202) The declared product is a painted sliding door leaf in size M9x21, with a thickness of 40 mm. It is wood-based, with a cellular core structure. The door leaf weight is 16,79 kg.	

Sketch of the element	

[1]*Note: The sliding door leaf is available in two versions: one featuring a core made of particle board and HDF, and another with a honeycomb core sandwiched between two MDF boards. The latter construction results in a more robust door leaf compared to a traditional cellular door. The EPD is valid for both variations of the door leaf. The calculations are based on the product with the highest environmental impact (worst case) within the product group.*

LCA background

Declared unit

The LCI and LCIA results in this EPD are calculated for components part of a door system with a door leaf of size 926 × 2040 mm (M9x21) and declared per square meter (1 m^2) of door leaf.

Products	Declared unit	Density	Conversion factor to 1 kg.
Unit	m^2	kg/m^2	-
Track	1	0,80	1,249
Coverboard	1	3,21	0,311
Jambs	1	7,52	0,133
Door leaf (semi-solid), painted	1	13,83	0,072
Door leaf (cellular), painted	1	8,89	0,113

Functional unit

Not defined.

PCR

This EPD is developed according to the core rules for the product category of construction products in EN 15804:2012+A2:2019. DS/EN 17213:2020 for Windows and Doors is used as the cPCR.

Energy modelling principles

Foreground system:
No Guarantee of Origin (GoO) certificates are used in this EPD. Consumption of electricity at the production sites is modelled with the national residual grid mix.

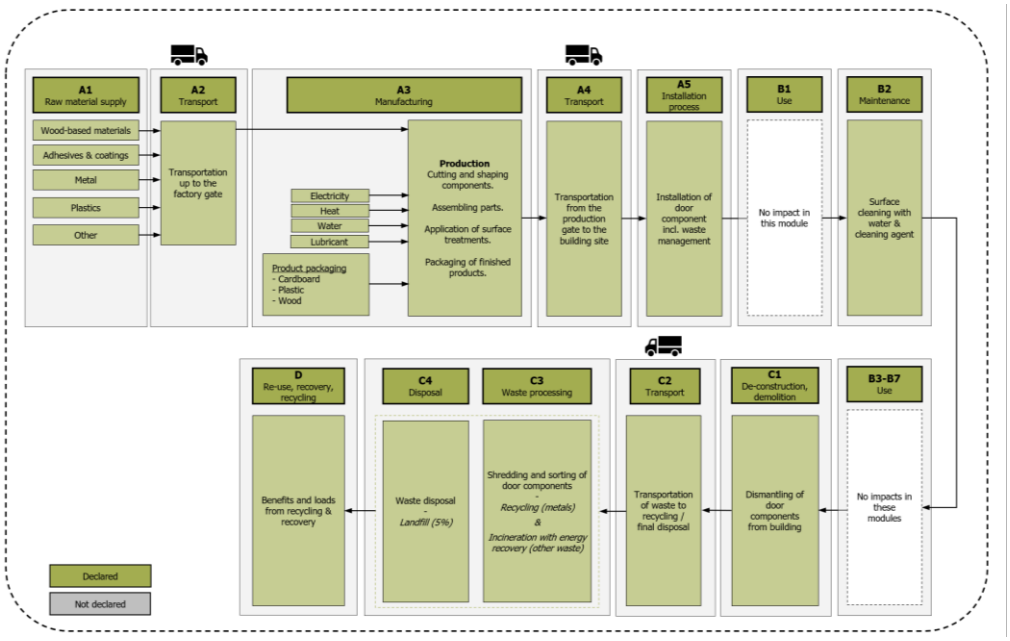
Information about the energy mix in the foreground system:

Dataset	EF	Unit
Residual grid mix, EE, ref. year 2021	0,753	kg CO_2e/kWh
Residual grid mix, PL, ref. year 2021	0,958	kg CO_2e/kWh

Background system:
Processes in the background system are modelled with average data from the LCA for Experts and Ecoinvent database. Specific energy inputs upstream the production are modelled using the national or regional residual mix. The grid mix is used for specific energy inputs downstream production.

Flowdiagram

The flow diagram below presents the main processes included in the product system of the declared products. Note that the diagram covers all products declared in this study, and therefore, not all processes are necessarily relevant for each declared product.



System boundary

This EPD is based on a cradle-to-grave study with module D, in which 100 weight-% has been accounted for.

The general rules for the exclusion of inputs and outputs follows the requirements in EN 15804, 6.3.5, where the total of neglected input flows per module shall be a maximum of 5 % of energy usage and mass and 1 % of energy usage and mass for unit processes.

This EPD applies the "Cut-off by classification" system boundary according to EN 15804. No upstream environmental burdens are allocated to recycled inputs; all impacts from waste processing and recycling are assigned to the product system generating the waste.

Product stage (A1-A3) includes:

A1 – Extraction and processing of raw materials

A2 – Transport to the production site

A3 – Manufacturing processes

The product stage comprises the acquisition of all raw materials, products and energy, transport to the production site, packaging and waste processing up to the ”end-of-waste” state or final disposal. The LCA results are declared in aggregated form for the product stage, which means, that the sub-modules A1, A2 and A3 are declared as one module A1-A3.

The manufacturing of the sliding door leaves takes place at the production site in Estonia, while the tracks, coverboards, and jambs are produced at the production site in Poland.

The sliding door leaves declared in this study are primarily composed of wood-based materials, supplemented by metal fittings. The manufacturing process begins with the careful selection and processing of wood-based materials, which are assembled into the desired structure - either semi-solid or cellular core. These materials are precisely shaped and cut to the required dimensions using advanced industrial tools. Following this, the door leaf undergoes surface preparation for treatments such as painting. Hardware components, including locks, are installed as required. Finally, each completed door leaf undergoes a quality inspection before being packaged and prepared for distribution.

Coverboards and jambs are manufactured from MDF, which is cut to fit the dimensions of the door leaf. For jambs, grooves or slots are milled to accommodate brushes or seals, which are installed prior to packaging. For the coverboards, plastic fittings are added to enhance functionality. Both coverboards and jambs are sanded, primed, and finished with high-quality RAL or NCS paint. Each product is subjected to comprehensive quality checks before being packaged for distribution.

Tracks for surface-mounted sliding doors are manufactured from aluminum. Aluminum profiles are cut and machined to the required dimensions. Plastic fittings and screws are then added to complete the assembly. The finished tracks are inspected for quality and functionality before being packaged and prepared for distribution.

Construction process stage (A4-A5) includes:

A4 – Transport to building site

A5 – Installation into the building 3

Transportation of products varies based on the production location. Products from Estonia are transported 900 km by road and 1100 km by ship to the warehouse of ECLISSE Scandinavia in Tommerup, Denmark. Products from Poland are transported 1000 km by road. From the warehouse, the products are shipped directly to the customer. Transportation of products varies based on the production location. Once at the warehouse, the products are shipped directly to the customer. The products primarily serve the Scandinavian market, with Denmark as the main customer base. An average distance of 100 km from the warehouse in Denmark to the building site is assumed.

Installation of the door leaf, track, coverboard and jambs into the building is a manual process and does not require consumption of electricity. Any additional materials used during installation are not included in this study, as they are expected to be included in the building level assessment.

Waste processing of the product packaging up to the end-of-waste state or final disposal is therefore included as the only impact in module A5. Any loads or benefits from cardboard recycling and energy recovery from incineration of plastic and wood waste is declared in module D.

Use stage (B1-B7) includes:

The use phase includes the total period from installation (A5) to end of life (C1-C4), during which the product provides its required functions.

B1 – Use

B2 – Maintenance

B3 – Repair

B4 – Replacement

B5 – Refurbishment

B6 – Energy consumption

B7 – Water consumption

The installed door system in the building is operated manually. Consequently, module B1 does not include any activities contributing to the environmental impact documented in this study.

ECLISSE Scandinavia provide maintenance instructions for their products. Maintenance of a door leaf includes cleaning of the panel and is included in module B2. Cleaning is assumed to take place twice a year with the use of 0,05 l cleaning solution/m^2 door leaf. Cleaning both sides would then require 0,1 l solution/m^2 and in total 1,89 dl solution per 1 pcs (926x2040 mm).

Modules B3 and B4 do not give rise to impacts, as it is estimated that there is no need for replacement or repair during the products' lifetime. ECLISSE Scandinavia has no direct influence on the renovation process (B5), as this is up to the individual builder/owner, and therefore renovation is not expected during the product's expected lifetime. The declared products do not contain any electrical devices. For this reason, there is neither operational energy nor water consumption (B6-B7) associated with the use phase.

End of Life (C1-C4) includes:

C1 – Dismantling

C2 – Transport to recycling or disposal

C3 – Waste processing

C4 – Landfilling

The end-of-life stage begins with dismantling of the door leaf and other door components from the building. It is assumed that the removal of all components is performed manually or with handheld power tools, with any associated electricity consumption deemed negligible.

From the building site, the door components are transported to a waste treatment facility. In this EPD, a transport distance of 50 km is assumed.

Waste treatment of the door leaf and respective components of the complete door system is based on the default scenario for doorsets presented in EN 17213:2020. Waste processing includes shredding and sorting at a waste treatment facility. Shredding of the waste generates a residual fraction, equal to 5% shredder fluff, which is assumed transported to landfilling.

Of the material output from waste processing, 100% of the metals are assumed to be recycled and remelted into new products. Any loads or benefits from metal recycling are declared in module D.

Residual waste fractions of wood and plastics are assumed to be treated by waste incineration with energy recovery. Any loads or benefits from waste incineration is declared in module D.

Re-use, recovery and recycling potential (D) includes:

Module D represents benefits or loads beyond the system boundary. In accordance with the guidelines of EN15804+A2, only virgin materials are credited in module D.

The cardboard fraction of the product packaging is sent for recycling and assumed to displace the use of pulpwood (virgin softwood) in cardboard production. The fraction of recycled metal is assumed to displace the use of virgin metal in production.

Energy recovered from waste incineration is modeled as avoided production of European electricity and heat.

LCA results

Results: Rail – external wall

ENVIRONMENTAL IMPACTS PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	1,01E+01	1,04E-01	3,96E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,64E-03	1,44E-01	6,02E-04	-5,41E+00
GWP-fossil	[kg CO_2 eq.]	1,05E+01	1,02E-01	1,49E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,57E-03	1,44E-01	5,99E-04	-5,33E+00
GWP-biogenic	[kg CO_2 eq.]	-3,94E-01	2,44E-04	3,94E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,53E-06	0,00E+00	0,00E+00	-7,74E-02
GWP-luluc	[kg CO_2 eq.]	4,27E-03	1,71E-03	4,92E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,00E-05	1,15E-05	3,59E-06	-1,10E-03
ODP	[kg CFC 11 eq.]	4,60E-10	1,50E-14	8,10E-15	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,26E-16	3,15E-13	1,62E-15	-9,82E-12
AP	[mol H^+ eq.]	4,22E-02	1,60E-04	1,25E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,61E-06	6,45E-05	4,25E-06	-2,75E-02
EP-freshwater	[kg P eq.]	2,26E-05	4,36E-07	3,14E-09	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,53E-08	6,14E-08	1,36E-09	-1,91E-06
EP-marine	[kg N eq.]	8,64E-03	6,14E-05	3,69E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,15E-06	1,85E-05	1,09E-06	-5,43E-03
EP-terrestrial	[mol N eq.]	9,40E-02	7,20E-04	5,24E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,52E-05	2,53E-04	1,21E-05	-5,94E-02
POCP	[kg NMVOC eq.]	2,56E-02	1,59E-04	1,01E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,57E-06	4,84E-05	3,35E-06	-1,60E-02
ADPm[1]	[kg Sb eq.]	5,87E-06	8,88E-09	1,08E-10	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,11E-10	2,72E-09	3,88E-11	-3,20E-07
ADPf[1]	[MJ]	1,31E+02	1,34E+00	2,11E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,71E-02	3,14E-01	7,90E-03	-6,23E+01
WDP[1]	[m^3 world eq. deprived]	3,08E+00	1,58E-03	8,02E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,53E-05	1,71E-02	6,85E-05	-2,16E+00
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water depletion potential															
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: $1,95*10^2$ or 195, while 1,12E-11 is the same as $1,12*10^{-11}$ or 0,0000000000112.															
Disclaimer	[1] The results of this environmental indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.															

ADDITIONAL ENVIRONMENTAL IMPACTS PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	8,11E-07	1,69E-09	8,49E-11	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,91E-11	4,31E-10	5,33E-11	-5,14E-07
IRP[2]	[kBq U235 eq.]	5,34E-01	3,55E-04	1,53E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,24E-05	7,40E-03	9,60E-06	-2,86E-01
ETP-fw[1]	[CTUe]	3,87E+01	9,97E-01	1,01E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,49E-02	9,30E-02	4,55E-03	-1,76E+01
HTP-c[1]	[CTUh]	1,01E-08	2,01E-11	8,16E-13	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,06E-13	5,96E-12	1,07E-13	-7,07E-09
HTP-nc[1]	[CTUh]	7,89E-08	9,04E-10	4,28E-11	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,17E-11	1,33E-10	4,15E-12	-4,58E-08
SQP[1]	-	9,60E+01	6,61E-01	7,27E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,32E-02	1,31E-01	2,17E-03	-3,42E+00
Caption	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 = Soil Quality (dimensionless)															
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: $1,95*10^{2}$ or 195, while 1,12E-11 is the same as $1,12*10^{-11}$ or 0,0000000000112.															
Disclaimers	[1] The results of this environmental 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 PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	5,90E+01	1,16E-01	3,33E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,05E-03	2,14E-01	1,38E-03	-3,51E+01
PERM	[MJ]	4,15E+00	0,00E+00	-4,15E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	6,31E+01	1,16E-01	-8,21E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,05E-03	2,14E-01	1,38E-03	-3,51E+01
PENRE	[MJ]	1,29E+02	1,34E+00	2,11E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,71E-02	2,97E+00	7,90E-03	-6,23E+01
PENRM	[MJ]	2,65E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-2,65E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,31E+02	1,34E+00	2,11E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,71E-02	3,14E-01	7,90E-03	-6,23E+01
SM	[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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	3,05E-01	1,29E-04	1,89E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,52E-06	4,70E-04	2,09E-06	-7,96E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water															

	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: $1,95*10^{2}$ or 195, while 1,12E-11 is the same as $1,12*10^{-11}$ or 0,0000000000112.

WASTE CATEGORIES AND OUTPUT FLOWS PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	5,99E-04	5,14E-11	1,06E-11	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,80E-12	4,32E-10	1,97E-12	-1,08E-05
NHWD	[kg]	3,23E+00	2,19E-04	1,43E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,69E-06	3,03E-03	4,00E-02	-2,39E+00
RWD	[kg]	4,76E-03	2,45E-06	9,64E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,57E-08	4,51E-05	8,29E-08	-2,87E-03
CRU	[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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	4,05E-01	0,00E+00	1,14E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,03E-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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	1,06E+00	0,00E+00	1,01E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,76E-01	0,00E+00	0,00E+00
EET	[MJ]	1,16E+00	0,00E+00	1,83E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,18E+00	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy															
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BIOGENIC CARBON CONTENT PER DECLARED UNIT 1 M2		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	0,00E+00
Biogenic carbon content in accompanying packaging	[kg C]	1,08E-01
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

Results: Coverboard – external wall, painted

ENVIRONMENTAL IMPACTS PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	3,64E+00	3,53E-01	5,38E-01	0,00E+00	8,14E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,46E-02	6,03E+00	2,42E-03	-3,16E+00
GWP-fossil	[kg CO_2 eq.]	8,56E+00	3,46E-01	2,10E-03	0,00E+00	8,13E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,43E-02	1,63E+00	2,40E-03	-3,01E+00
GWP-biogenic	[kg CO_2 eq.]	-4,93E+00	8,28E-04	5,36E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,42E-05	4,40E+00	0,00E+00	-1,56E-01
GWP-luluc	[kg CO_2 eq.]	8,30E-03	5,83E-03	8,43E-06	0,00E+00	5,06E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,41E-04	3,81E-04	1,44E-05	-2,95E-04
ODP	[kg CFC 11 eq.]	6,12E-08	5,11E-14	1,08E-14	0,00E+00	6,04E-15	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,11E-15	2,11E-12	6,48E-15	-3,77E-11
AP	[mol H^+ eq.]	2,69E-02	5,44E-04	1,68E-05	0,00E+00	1,93E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,25E-05	3,19E-03	1,71E-05	-2,44E-03
EP-freshwater	[kg P eq.]	8,12E-04	1,48E-06	4,67E-09	0,00E+00	1,01E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,12E-08	5,38E-07	5,46E-09	-4,00E-06
EP-marine	[kg N eq.]	7,10E-03	2,09E-04	4,98E-06	0,00E+00	4,32E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,63E-06	1,43E-03	4,39E-06	-8,33E-04
EP-terrestrial	[mol N eq.]	7,81E-02	2,45E-03	7,07E-05	0,00E+00	5,96E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,01E-04	1,71E-02	4,84E-05	-9,05E-03
POCP	[kg NMVOC eq.]	2,45E-02	5,41E-04	1,37E-05	0,00E+00	1,51E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,24E-05	3,68E-03	1,34E-05	-2,46E-03
ADPm[1]	[kg Sb eq.]	1,68E-05	3,02E-08	1,53E-10	0,00E+00	4,61E-11	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,25E-09	2,30E-08	1,56E-10	-1,77E-07
ADPf[1]	[MJ]	1,24E+02	4,57E+00	2,96E-02	0,00E+00	8,42E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,89E-01	3,24E+00	3,17E-02	-5,08E+01
WDP[1]	[m^3 world eq. deprived]	3,11E+00	5,37E-03	1,07E-02	0,00E+00	3,31E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,22E-04	5,65E-01	2,75E-04	-1,84E-01
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water depletion potential															
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Disclaimer	[1] The results of this environmental indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.															

ADDITIONAL ENVIRONMENTAL IMPACTS PER DECLARED UNIT 1 M2															
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	4,49E-07	5,74E-09	1,15E-10	0,00E+00	2,17E-11	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,37E-10	1,27E-08	2,14E-10	-2,01E-08
IRP[2]	[kBq U235 eq.]	3,16E-01	1,21E-03	2,04E-04	0,00E+00	1,16E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,99E-05	3,37E-02	3,85E-05	-3,61E-01
ETP-fw[1]	[CTUe]	5,14E+01	3,39E+00	1,46E-02	0,00E+00	3,74E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,40E-01	9,57E-01	1,82E-02	-4,53E+00
HTP-c[1]	[CTUh]	5,25E-08	6,84E-11	1,11E-12	0,00E+00	4,65E-12	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,83E-12	1,52E-10	4,31E-13	-5,39E-10
HTP-nc[1]	[CTUh]	6,11E-08	3,07E-09	5,81E-11	0,00E+00	4,61E-10	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,27E-10	1,40E-08	1,67E-11	-1,39E-08
SQP[1]	-	3,10E+02	2,25E+00	1,04E-02	0,00E+00	2,61E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	9,29E-02	1,20E+00	8,73E-03	-1,12E+01
Caption	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 = Soil Quality (dimensionless)															
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Disclaimers	[1] The results of this environmental 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 PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	5,47E+01	3,93E-01	3,33E+00	0,00E+00	3,80E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,63E-02	3,93E+01	5,53E-03	-1,09E+01
PERM	[MJ]	4,32E+01	0,00E+00	-5,51E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-3,77E+01	0,00E+00	0,00E+00
PERT	[MJ]	9,79E+01	3,93E-01	-2,18E+00	0,00E+00	3,80E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,63E-02	1,56E+00	5,53E-03	-1,09E+01
PENRE	[MJ]	1,20E+02	4,57E+00	2,96E-02	0,00E+00	8,42E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,89E-01	7,11E+00	3,17E-02	-5,08E+01
PENRM	[MJ]	3,87E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-3,87E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,24E+02	4,57E+00	2,96E-02	0,00E+00	8,42E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,89E-01	3,24E+00	3,17E-02	-5,08E+01
SM	[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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	7,37E-02	4,38E-04	2,52E-04	0,00E+00	9,07E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,81E-05	1,37E-02	8,40E-06	-7,70E-03
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water															

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WASTE CATEGORIES AND OUTPUT FLOWS PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	9,29E-02	1,75E-10	1,42E-11	0,00E+00	7,77E-12	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,23E-12	3,38E-09	7,89E-12	-3,83E-05
NHWD	[kg]	1,34E+00	7,46E-04	1,91E-03	0,00E+00	1,55E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,08E-05	2,12E-01	1,61E-01	-2,12E-02
RWD	[kg]	6,56E-04	8,32E-06	1,29E-06	0,00E+00	7,32E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,44E-07	2,18E-04	3,33E-07	-2,19E-03
CRU	[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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	1,28E-01	0,00E+00	4,01E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,90E-02	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	1,06E+00	0,00E+00	1,35E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,72E+00	0,00E+00	0,00E+00
EET	[MJ]	1,16E+00	0,00E+00	2,44E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,31E+01	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy															
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: $1,95*10^{2}$ or 195, while 1,12E-11 is the same as $1,12*10^{-11}$ or 0,0000000000112.															

BIOGENIC CARBON CONTENT PER DECLARED UNIT 1 M2		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	1,20E+00
Biogenic carbon content in accompanying packaging	[kg C]	1,46E-01
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

Results: Jambs for pocket door – external wall, painted

ENVIRONMENTAL IMPACTS PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	1,15E+00	7,84E-01	5,38E-01	0,00E+00	8,14E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,42E-02	1,48E+01	5,66E-03	-7,22E+00
GWP-fossil	[kg CO_2 eq.]	1,31E+01	7,69E-01	2,10E-03	0,00E+00	8,13E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,36E-02	3,33E+00	5,63E-03	-7,05E+00
GWP-biogenic	[kg CO_2 eq.]	-1,20E+01	1,84E-03	5,36E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,02E-05	1,15E+01	0,00E+00	-1,68E-01
GWP-luluc	[kg CO_2 eq.]	1,60E-02	1,29E-02	8,43E-06	0,00E+00	5,06E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,64E-04	7,49E-04	3,38E-05	-5,81E-04
ODP	[kg CFC 11 eq.]	1,59E-07	1,13E-13	1,08E-14	0,00E+00	6,04E-15	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,95E-15	4,37E-12	1,52E-14	-5,79E-11
AP	[mol H^+ eq.]	5,20E-02	1,21E-03	1,68E-05	0,00E+00	1,93E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,27E-05	7,12E-03	4,00E-05	-5,62E-03
EP-freshwater	[kg P eq.]	2,08E-03	3,29E-06	4,67E-09	0,00E+00	1,01E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,43E-07	1,12E-06	1,28E-08	-7,84E-06
EP-marine	[kg N eq.]	1,43E-02	4,63E-04	4,98E-06	0,00E+00	4,32E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,02E-05	3,17E-03	1,03E-05	-1,93E-03
EP-terrestrial	[mol N eq.]	1,59E-01	5,44E-03	7,07E-05	0,00E+00	5,96E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,37E-04	3,81E-02	1,13E-04	-2,10E-02
POCP	[kg NMVOC eq.]	5,08E-02	1,20E-03	1,37E-05	0,00E+00	1,51E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,24E-05	8,13E-03	3,15E-05	-5,68E-03
ADPm[1]	[kg Sb eq.]	3,91E-05	6,71E-08	1,53E-10	0,00E+00	4,61E-11	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,93E-09	4,90E-08	3,65E-10	-4,11E-07
ADPf[1]	[MJ]	2,03E+02	1,01E+01	2,96E-02	0,00E+00	8,42E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,42E-01	6,81E+00	7,42E-02	-1,20E+02
WDP[1]	[m^3 world eq. deprived]	7,09E+00	1,19E-02	1,07E-02	0,00E+00	3,31E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,20E-04	1,33E+00	6,44E-04	-4,31E-01
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water depletion potential															
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Disclaimer	[1] The results of this environmental indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.															

ADDITIONAL ENVIRONMENTAL IMPACTS PER DECLARED UNIT 1 M2															
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	8,79E-07	1,27E-08	1,15E-10	0,00E+00	2,17E-11	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,56E-10	2,62E-08	5,01E-10	-4,54E-08
IRP[2]	[kBq U235 eq.]	6,64E-01	2,68E-03	2,04E-04	0,00E+00	1,16E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,17E-04	7,64E-02	9,02E-05	-8,50E-01
ETP-fw[1]	[CTUe]	8,24E+01	7,53E+00	1,46E-02	0,00E+00	3,74E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,28E-01	1,96E+00	4,27E-02	-1,06E+01
HTP-c[1]	[CTUh]	1,35E-07	1,52E-10	1,11E-12	0,00E+00	4,65E-12	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,63E-12	2,84E-10	1,01E-12	-1,17E-09
HTP-nc[1]	[CTUh]	1,16E-07	6,83E-09	5,81E-11	0,00E+00	4,61E-10	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,98E-10	2,18E-08	3,90E-11	-3,30E-08
SQP[1]	-	6,45E+02	4,99E+00	1,04E-02	0,00E+00	2,61E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,18E-01	2,56E+00	2,04E-02	-1,92E+01
Caption	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 = Soil Quality (dimensionless)															
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Disclaimers	[1] The results of this environmental 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 PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	1,13E+02	8,74E-01	3,33E+00	0,00E+00	3,80E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,81E-02	1,02E+02	1,30E-02	-2,43E+01
PERM	[MJ]	1,04E+02	0,00E+00	-5,51E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-9,84E+01	0,00E+00	0,00E+00
PERT	[MJ]	2,17E+02	8,74E-01	-2,18E+00	0,00E+00	3,80E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,81E-02	3,38E+00	1,30E-02	-2,43E+01
PENRE	[MJ]	1,99E+02	1,01E+01	2,96E-02	0,00E+00	8,42E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,42E-01	1,03E+01	7,42E-02	-1,20E+02
PENRM	[MJ]	3,52E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-3,52E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,03E+02	1,01E+01	2,96E-02	0,00E+00	8,42E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,42E-01	6,81E+00	7,42E-02	-1,20E+02
SM	[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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	1,65E-01	9,74E-04	2,52E-04	0,00E+00	9,07E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,25E-05	3,22E-02	1,97E-05	-1,81E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water															

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WASTE CATEGORIES AND OUTPUT FLOWS PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	2,41E-01	3,88E-10	1,42E-11	0,00E+00	7,77E-12	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,69E-11	7,29E-09	1,85E-11	-3,83E-05
NHWD	[kg]	1,33E+00	1,66E-03	1,91E-03	0,00E+00	1,55E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,23E-05	2,62E-01	3,76E-01	-4,93E-02
RWD	[kg]	6,37E-04	1,85E-05	1,29E-06	0,00E+00	7,32E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,06E-07	4,86E-04	7,79E-07	-5,17E-03
CRU	[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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	1,50E-01	0,00E+00	4,01E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	1,06E+00	0,00E+00	1,35E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,83E+01	0,00E+00	0,00E+00
EET	[MJ]	1,16E+00	0,00E+00	2,44E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,88E+01	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy															
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BIOGENIC CARBON CONTENT PER DECLARED UNIT 1 M2		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	3,13E+00
Biogenic carbon content in accompanying packaging	[kg C]	1,46E-01
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

Results: Sliding door leaf (semi-solid), painted[1]

ENVIRONMENTAL IMPACTS PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	2,14E+01	1,49E+00	1,15E+00	0,00E+00	5,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,29E-02	2,78E+01	1,04E-02	-1,38E+01
GWP-fossil	[kg CO_2 eq.]	4,40E+01	1,46E+00	2,51E-01	0,00E+00	4,65E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,17E-02	5,84E+00	1,04E-02	-1,37E+01
GWP-biogenic	[kg CO_2 eq.]	-2,28E+01	3,24E-03	9,02E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,47E-04	2,19E+01	0,00E+00	-1,27E-01
GWP-luluc	[kg CO_2 eq.]	1,57E-01	2,18E-02	4,97E-05	0,00E+00	3,47E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,04E-03	1,31E-03	6,21E-05	-2,17E-03
ODP	[kg CFC 11 eq.]	1,39E-07	2,04E-13	9,45E-14	0,00E+00	1,12E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	9,10E-15	7,78E-12	2,79E-14	-3,51E-09
AP	[mol H^+ eq.]	1,68E-01	5,17E-03	9,76E-05	0,00E+00	3,16E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	9,70E-05	1,28E-02	7,35E-05	-1,53E-02
EP-freshwater	[kg P eq.]	5,91E-03	5,58E-06	3,22E-08	0,00E+00	1,60E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,64E-07	1,99E-06	2,35E-08	-3,05E-04
EP-marine	[kg N eq.]	4,92E-02	2,10E-03	2,83E-05	0,00E+00	1,03E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,72E-05	5,67E-03	1,89E-05	-4,64E-03
EP-terrestrial	[mol N eq.]	5,16E-01	2,36E-02	4,23E-04	0,00E+00	6,83E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,36E-04	6,83E-02	2,08E-04	-5,02E-02
POCP	[kg NMVOC eq.]	1,60E-01	5,65E-03	7,89E-05	0,00E+00	2,08E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	9,63E-05	1,45E-02	5,79E-05	-1,36E-02
ADPm[1]	[kg Sb eq.]	2,74E-04	1,17E-07	1,17E-09	0,00E+00	5,26E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,38E-09	8,77E-08	6,71E-10	-1,44E-04
ADPf[1]	[MJ]	6,67E+02	1,91E+01	2,27E-01	0,00E+00	8,29E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,14E-01	1,21E+01	1,36E-01	-2,30E+02
WDP[1]	[m^3 world eq. deprived]	8,85E+00	2,04E-02	6,54E-02	0,00E+00	5,90E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	9,57E-04	2,42E+00	1,18E-03	-1,35E+00
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water depletion potential															
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: $1,95*10^2$ or 195, while 1,12E-11 is the same as $1,12*10^{-11}$ or 0,0000000000112.															
Disclaimer	[1] The results of this environmental indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.															

[1] The sliding door leaf is available in two variants. Grouping of products is performed, and calculations are based on the worst case product in the product group.

ADDITIONAL ENVIRONMENTAL IMPACTS PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	3,71E-06	1,05E-07	8,34E-10	0,00E+00	3,25E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,02E-09	4,61E-08	9,22E-10	-1,42E-07
IRP[2]	[kBq U235 eq.]	2,63E+00	4,83E-03	1,30E-03	0,00E+00	2,99E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,15E-04	1,39E-01	1,66E-04	-1,66E+00
ETP-fw[1]	[CTUe]	2,54E+02	1,41E+01	1,32E-01	0,00E+00	6,77E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,04E-01	3,48E+00	7,86E-02	-6,03E+01
HTP-c[1]	[CTUh]	4,99E-07	2,82E-10	7,97E-12	0,00E+00	2,84E-08	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,22E-11	4,88E-10	1,86E-12	-4,66E-09
HTP-nc[1]	[CTUh]	5,13E-07	1,23E-08	5,14E-10	0,00E+00	6,07E-08	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,48E-10	3,53E-08	7,18E-11	-9,53E-08
SQP[1]	-	3,31E+03	8,41E+00	7,10E-02	0,00E+00	7,40E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,00E-01	4,58E+00	3,76E-02	-4,44E+01
Caption	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 = Soil Quality (dimensionless)															
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: $1,95*10^{2}$ or 195, while 1,12E-11 is the same as $1,12*10^{-11}$ or 0,0000000000112.															
Disclaimers	[1] The results of this environmental 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 PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	5,42E+02	1,48E+00	6,21E+00	0,00E+00	2,63E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,01E-02	1,85E+02	2,38E-02	-5,02E+01
PERM	[MJ]	2,04E+02	0,00E+00	-9,33E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-1,79E+02	0,00E+00	0,00E+00
PERT	[MJ]	7,45E+02	1,48E+00	-3,13E+00	0,00E+00	2,63E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,01E-02	6,07E+00	2,38E-02	-5,02E+01
PENRE	[MJ]	6,60E+02	1,91E+01	6,57E+00	0,00E+00	8,29E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,14E-01	1,92E+01	1,36E-01	-2,30E+02
PENRM	[MJ]	1,38E+01	0,00E+00	-6,34E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-7,06E+00	0,00E+00	0,00E+00
PENRT	[MJ]	6,74E+02	1,91E+01	2,27E-01	0,00E+00	8,29E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,14E-01	1,21E+01	1,36E-01	-2,30E+02
SM	[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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	2,37E-01	1,65E-03	1,55E-03	0,00E+00	1,37E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,81E-05	5,84E-02	3,62E-05	-4,91E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water															

	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: $1,95*10^{2}$ or 195, while 1,12E-11 is the same as $1,12*10^{-11}$ or 0,0000000000112.

WASTE CATEGORIES AND OUTPUT FLOWS PER DECLARED UNIT 1 M2															
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	3,05E-01	7,16E-10	1,17E-10	0,00E+00	2,79E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,12E-11	1,31E-08	3,40E-11	-2,40E-02
NHWD	[kg]	3,12E+00	2,98E-03	2,96E-02	0,00E+00	9,29E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,33E-04	3,87E-01	6,92E-01	-3,14E-01
RWD	[kg]	1,53E-02	3,34E-05	8,69E-06	0,00E+00	4,52E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,48E-06	8,82E-04	1,43E-06	-9,85E-03
CRU	[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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	6,21E-01	0,00E+00	1,25E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,81E-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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	2,07E+00	0,00E+00	9,77E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,33E+01	0,00E+00	0,00E+00
EET	[MJ]	2,21E+01	0,00E+00	1,75E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,43E+02	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy															
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BIOGENIC CARBON CONTENT PER DECLARED UNIT 1 M2		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	5,99E+00
Biogenic carbon content in accompanying packaging	[kg C]	2,46E-01
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

Results: Sliding door leaf (cellular), painted

ENVIRONMENTAL IMPACTS PER DECLARED UNIT 1 M2																
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	2,65E+01	9,81E-01	1,15E+00	0,00E+00	5,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,04E-02	1,79E+01	6,69E-03	-9,16E+00
GWP-fossil	[kg CO_2 eq.]	4,13E+01	9,65E-01	2,51E-01	0,00E+00	4,65E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,97E-02	3,89E+00	6,65E-03	-9,05E+00
GWP-biogenic	[kg CO_2 eq.]	-1,49E+01	2,14E-03	9,02E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	9,48E-05	1,40E+01	0,00E+00	-1,13E-01
GWP-luluc	[kg CO_2 eq.]	1,45E-01	1,44E-02	4,97E-05	0,00E+00	3,47E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,67E-04	8,84E-04	3,99E-05	-1,83E-03
ODP	[kg CFC 11 eq.]	6,40E-08	1,34E-13	9,45E-14	0,00E+00	1,12E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,85E-15	5,19E-12	1,80E-14	-3,49E-09
AP	[mol H^+ eq.]	1,54E-01	3,41E-03	9,76E-05	0,00E+00	3,16E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,23E-05	8,29E-03	4,72E-05	-1,16E-02
EP-freshwater	[kg P eq.]	5,12E-03	3,68E-06	3,22E-08	0,00E+00	1,60E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,70E-07	1,32E-06	1,51E-08	-3,01E-04
EP-marine	[kg N eq.]	4,56E-02	1,39E-03	2,83E-05	0,00E+00	1,03E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,39E-05	3,69E-03	1,22E-05	-3,37E-03
EP-terrestrial	[mol N eq.]	4,74E-01	1,56E-02	4,23E-04	0,00E+00	6,83E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,80E-04	4,43E-02	1,34E-04	-3,64E-02
POCP	[kg NMVOC eq.]	1,42E-01	3,73E-03	7,89E-05	0,00E+00	2,08E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,19E-05	9,47E-03	3,72E-05	-9,87E-03
ADPm[1]	[kg Sb eq.]	2,56E-04	7,69E-08	1,17E-09	0,00E+00	5,26E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,46E-09	5,78E-08	4,31E-10	-1,44E-04
ADPf[1]	[MJ]	6,13E+02	1,26E+01	2,27E-01	0,00E+00	8,29E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,23E-01	8,04E+00	8,77E-02	-1,51E+02
WDP[1]	[m^3 world eq. deprived]	6,60E+00	1,34E-02	6,54E-02	0,00E+00	5,90E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,15E-04	1,54E+00	7,62E-04	-1,07E+00
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water depletion potential															
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ADDITIONAL ENVIRONMENTAL IMPACTS PER DECLARED UNIT 1 M2															
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	3,58E-06	6,89E-08	8,34E-10	0,00E+00	3,25E-07	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,57E-10	3,07E-08	5,93E-10	-1,12E-07
IRP[2]	[kBq U235 eq.]	2,38E+00	3,18E-03	1,30E-03	0,00E+00	2,99E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,38E-04	9,04E-02	1,07E-04	-1,10E+00
ETP-fw[1]	[CTUe]	2,29E+02	9,32E+00	1,32E-01	0,00E+00	6,77E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,88E-01	2,32E+00	5,05E-02	-5,34E+01
HTP-c[1]	[CTUh]	4,52E-07	1,86E-10	7,97E-12	0,00E+00	2,84E-08	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,84E-12	3,38E-10	1,19E-12	-3,89E-09
HTP-nc[1]	[CTUh]	4,79E-07	8,13E-09	5,14E-10	0,00E+00	6,07E-08	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,52E-10	2,64E-08	4,61E-11	-7,36E-08
SQP[1]	-	3,30E+03	5,54E+00	7,10E-02	0,00E+00	7,40E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,57E-01	3,02E+00	2,42E-02	-3,53E+01
Caption	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 = Soil Quality (dimensionless)															
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	[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 PER DECLARED UNIT 1 M2															
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	5,25E+02	9,76E-01	6,21E+00	0,00E+00	2,63E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,51E-02	1,21E+02	1,53E-02	-3,48E+01
PERM	[MJ]	1,39E+02	0,00E+00	-9,33E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-1,17E+02	0,00E+00	0,00E+00
PERT	[MJ]	6,64E+02	9,76E-01	-3,13E+00	0,00E+00	2,63E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,51E-02	3,99E+00	1,53E-02	-3,48E+01
PENRE	[MJ]	6,06E+02	1,26E+01	6,57E+00	0,00E+00	8,29E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,23E-01	1,51E+01	8,77E-02	-1,51E+02
PENRM	[MJ]	1,37E+01	0,00E+00	-6,34E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-7,02E+00	0,00E+00	0,00E+00
PENRT	[MJ]	6,20E+02	1,26E+01	2,27E-01	0,00E+00	8,29E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,23E-01	8,04E+00	8,77E-02	-1,51E+02
SM	[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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	1,86E-01	1,09E-03	1,55E-03	0,00E+00	1,37E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,02E-05	3,73E-02	2,33E-05	-3,72E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water															

	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: $1,95*10^{2}$ or 195, while 1,12E-11 is the same as $1,12*10^{-11}$ or 0,0000000000112.

WASTE CATEGORIES AND OUTPUT FLOWS PER DECLARED UNIT 1 M2															
Parameter	**Unit**	**A1-A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	2,27E-01	4,72E-10	1,17E-10	0,00E+00	2,79E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,00E-11	8,60E-09	2,19E-11	-2,40E-02
NHWD	[kg]	3,15E+00	1,96E-03	2,96E-02	0,00E+00	9,29E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,54E-05	3,28E-01	4,45E-01	-2,81E-01
RWD	[kg]	1,56E-02	2,20E-05	8,69E-06	0,00E+00	4,52E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	9,53E-07	5,75E-04	9,22E-07	-6,45E-03
CRU	[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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	6,21E-01	0,00E+00	1,25E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,81E-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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	2,07E+00	0,00E+00	9,77E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,12E+01	0,00E+00	0,00E+00
EET	[MJ]	2,21E+01	0,00E+00	1,75E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	9,10E+01	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy															
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: $1,95*10^{2}$ or 195, while 1,12E-11 is the same as $1,12*10^{-11}$ or 0,0000000000112.															

BIOGENIC CARBON CONTENT PER DECLARED UNIT 1 M2		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	3,83E+00
Biogenic carbon content in accompanying packaging	[kg C]	2,46E-01
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

Additional information

LCA interpretation

A contribution analysis has been conducted with the aim of identifying which processes and materials contribute the most to the core environmental impacts. Overall, the results show that the greatest environmental impacts for the **track** take place in the life cycle modules A1-A3, with the production of metals for the frame having the largest contribution to the overall results in most impact categories. For **jambs** and **coverboard**, the greatest environmental impacts take place in A1-A3, with the production of wood-based board having the largest contribution to the overall results in most impact categories. For the **sliding door leaves**, the greatest environmental impacts take place in A1-A3, with the production of wood-based board and electricity consumption during production having the largest contribution to the overall results in most impact categories. Consumption of cleaning solution during maintenance of the door leaf also show a large contribution across most impact categories.

Technical information on scenarios

Transport to the building site (A4)

Scenario information	Value	Unit
Fuel type and vehicle type	Vehicle type: Truck, Euro 6, 26 - 28t gross weight / 18.4t payload capacity Fuel type: Diesel	-
	Vehicle type: Container ship, 5,000 to 200,000 dwt payload capacity, deep sea Fuel type: Heavy fuel oil	-
Transport distance	Products manufactured in Estonia: - 1000 km by road - 1100 km by ship Products manufactured in Poland: - 1100 km by road	km
Capacity utilisation (including empty runs)	Truck: 55	%
	Container ship: 70	%

Installation of the product in the building (A5)

Scenario information	Track	Coverboard	Jambs	Door leaf (semi-solid), painted	Door leaf (cellular), painted	Unit
Ancillary materials	-	-	-	-	-	kg
Water use	-	-	-	-	-	m^3
Other resource use	-	-	-	-	-	kg
Energy type and consumption	-	-	-	-	-	kWh
Waste materials (product packaging)	0,24	0,32	0,32	0,68	0,68	kg
Output materials (installed product)	0,80	3,21	7,52	13,83	8,89	kg
Direct emissions to air, soil or water	-	-	-	-	-	kg

Reference service life

RSL information	Track	Coverboard/jambs	Door leaf	Unit
Reference service Life	60	40	50	Years
Declared product properties	Technical specifications and guidance can be obtained from the company's website https://eclisse.dk/ or from direct contact to ECLISSE Scandinavia ApS at +45 6467 3469 or by email at info@eclisse.dk			
Design application parameters				
Assumed quality of work				
Outdoor environment				
Indoor environment				
Usage conditions				
Maintenance				

Use (B1-B7)

Scenario information	Track	Coverboard	Jambs	Door leaf (all)	Unit
B1 – Use					
	-	-	-	-	-
B2 - Maintenance					
Maintenance process	-	Surface cleaning	Surface cleaning	Surface cleaning	-
Maintenance cycle	-	2	2	2	/year
Ancillary materials for maintenance, cleaning solution	-	0,02	0,02	0,1	l/cycle
Waste materials resulting from maintenance, wastewater	-	0,02	0,02	0,1	l
Net freshwater consumption during maintenance	-	0,04	0,04	0,2	l/year
Energy input during maintenance	-	0	0	0	kWh
B3 – Repair					
Repair process	-	-	-	-	-
Inspection process	-	-	-	-	-
Repair cycle	-	-	-	-	/year
Ancillary materials (specify which)	-	-	-	-	kg/cycle
Waste materials (specify which)	-	-	-	-	kg
Net freshwater consumption during repair	-	-	-	-	m^3
Energy input during repair	-	-	-	-	kg/cycle
B4 – Replacement					
Replacement cycle	-	-	-	-	/year
Energy input during replacement	-	-	-	-	kWh
Exchange of worn parts during products life cycle	-	-	-	-	kg
B5 - Refurbishment					
Refurbishment process	-	-	-	-	
Refurbishment cycle	-	-	-	-	/year
Energy input during refurbishment	-	-	-	-	kWh
Material input for refurbishment (specify which)	-	-	-	-	kg/cycle
Waste materials resulting from refurbishment	-	-	-	-	kg
Further assumptions for scenario development	-	-	-	-	As appropriate
B6 + B7 – Use of energy and water					
Ancillary materials specified by material	-	-	-	-	kg
Net freshwater consumption	-	-	-	-	m^3
Type of energy carrier	-	-	-	-	kWh
Power output of equipment	-	-	-	-	kW
Characteristic performance	-	-	-	-	As appropriate
Further assumptions for scenario development	-	-	-	-	As appropriate

End of life (C1-C4)

Scenario information	Track	Coverboard	Jambs	Door leaf (semi-solid), painted	Door leaf (cellular), painted	Unit
Collected separately	100	100	100	100	100	%
Collected with mixed waste	-	-	-	-	-	%
For reuse	-	-	-	-	-	kg
For recycling	0,70	0,02	-	0,18	0,18	kg
For energy recovery	0,06	3,03	7,14	12,96	8,26	kg
For final disposal	0,04	0,16	0,38	0,69	0,44	kg
Assumptions for scenario development	EN 17213:2020					-

Re-use, recovery and recycling potential (D)

Scenario information/Materiel	Track	Coverboard	Jambs	Door leaf (semi-solid), painted	Door leaf (cellular), painted	Unit
Recovered packaging, A5	0,05	0,13	0,13	0,18	0,18	kg
Recovered metal, C3	0,70	0,02	-	0,18	0,18	kg
Recovered electricity	See results for EEE in LCA results section.					MJ
Recovered heat	See results for EET in LCA results section.					MJ

Indoor air

The EPD does not give information on release of dangerous substances to indoor air because the horizontal standards on the relevant measurements are not available. Read more in EN15804+A1 chapter 7.4.1.

Soil and water

The EPD does not give information on release of dangerous substances to soil and water because the horizontal standards on the relevant measurements are not available. Read more in EN15804+A1 chapter 7.4.2.

References

Publisher	www.epddanmark.dk Template version 2023.2
Programme operator	Danish Technological Institute Gregersensvej DK-2630 Taastrup www.teknologisk.dk
LCA-practitioner	Line Granheim Danish Technological Institute Gregersensvej DK-2630 Taastrup www.teknologisk.dk
LCA software /background data	LCA for Experts version 10.8, databases 2024.1 https://sphera.com/ EcoInvent 3.10 database *EN 15804 reference package 3.1*
3rd party verifier	David Althoff Palm Dalemarken AB www.dalemarken.dk

General programme instructions
General Programme Instructions, version 2.0, spring 2020
www.epddanmark.dk

EN 15804
DS/EN 15804 + A2:2019 - "Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products"

EN 15942
DS/EN 15942:2011 – " Sustainability of construction works – Environmental product declarations – Communication format business-to-business"

EN 17213
DS/EN 17213:2020 for Windows and doors.

ISO 14025
DS/EN ISO 14025:2010 – " Environmental labels and declarations – Type III environmental declarations – Principles and procedures"

ISO 14040
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ISO 14044
DS/EN ISO 14044:2008 – ” Environmental management – Life cycle assessment – Requirements and guidelines”