

ENVIRONMENTAL PRODUCT DECLARATION

Rigid Conduit

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

Products included in the EPD:

Rigid conduit

An EPD may be updated or depublished if conditions change. To find the latest version of the EPD and to confirm its validity, see www.environdec.com

EPD of multiple products based on the average results of the product group

EPD Owner
Dietzel GmbH

Programme
International EPD System
www.environdec.com

Programme operator
EPD International AB

Registration number
EPD-IES-0027425:001

Approval date
2025-12-08

Validity date
2030-12-07



GENERAL INFORMATION

Programme information

Programme	International EPD System
Address	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
Website	www.environdec.com
E-mail	support@environdec.com

Product category rules

CEN standard EN 15804 serves as the Core Product Category Rules (PCR)	
Product Category Rules (PCR)	2019:14 Construction products (EN 15804+A2) (version 2.0.1) 2.0.1
PCR review was conducted by	The Technical Committee of the International EPD System. See www.environdec.com for a list of members. Review chair: Rob Rouwette (chair), Noa Meron (co-chair). The review panel may be contacted via the Secretariat www.environdec.com/support .

Verification

LCA accountability	ran.tao@tuv.com, ran.tao@tuv.com, Dietzel GmbH
Independent third-party verification of the declaration and data, according to ISO 14025:2006, via	<input checked="" type="checkbox"/> EPD verification through an individual EPD verification <input type="checkbox"/> EPD verification through EPD Process Certification* <input type="checkbox"/> EPD verification through a fully pre-verified tool
Third-party verifier	Niels Jungbluth (ESU-services Ltd)
Approved by	International EPD System
Procedure for follow-up of data during EPD validity involves third party verifier	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

*EPD Process Certification involves an accredited certification body certifying and periodically auditing the EPD process and conducting external and independent verification of EPDs that are regularly published. More information can be found in the General Programme Instructions on www.environdec.com. International EPD System.

Ownership and limitations on use of EPD

Limitations

EPDs within the same product category but published in different EPD programmes, may not be comparable. For two EPDs to be comparable, they shall be based on the same PCR (including the same first-digit version number) or be based on fully aligned PCRs or versions of PCRs; cover products with identical functions, technical performances and use (e.g. identical declared/functional units); have identical scope in terms of included life-cycle stages (unless the excluded life-cycle stage is demonstrated to be insignificant); apply identical impact assessment methods (including the same version of characterisation factors); and be valid at the time of comparison.

Ownership

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

INFORMATION ABOUT EPD OWNER

EPD Owner	Dietzel GmbH
Contact person name	Andreas Wanzenboeck
Contact person e-mail	andreas.wanzenboeck@dietzel-univolt.com
Organisation address	Austria Vienna 1110 1.Haidequerstrasse 3-5

Description of the organisation of the EPD Owner

DIETZEL GmbH is a manufacturing and trading family-owned company based in Vienna, Austria. DIETZEL GmbH manufactures electrical conduits and accessories, cable protection systems and various other products for electrical installation, structural and civil engineering, and road construction at their production sites in Vienna (Austria), Pezinok (Slovakia) and Dongguan (China).

PRODUCT INFORMATION

Product name	Rigid conduit
Product identification	Rigid conduit (Polypropylene)
Product description	Rigid conduit, also known as a rod or insulated conduit, is a straight protective tube used to route and protect electrical cables; it is supplied in straight lengths (typically 2–3 meters). It's manufactured from polypropylene; it's non-flame propagating, halogen free and low smoke (LSFOH).
Technical purpose of product	<p>Areas of application of rigid conduits:</p> <ul style="list-style-type: none"> • Flush mounted and in screed: for heavy duty installations in masonry or floors. • Exposed installations: in industrial buildings, garages or basements where mechanical protection and a tidy appearance are required. • Concrete installations: in concrete ceilings or walls where the conduit must withstand the forces exerted during casting.
Manufacturing or service provision description	The production of polypropylene pipes involves several key steps: First, polypropylene granulates, colorants, and flame retardant additives are automatically fed into an extruder. Inside the heated barrel, a rotating screw melts the material into a homogeneous state. The molten polymer is then forced through a die and mandrel to form the pipe's shape and wall thickness. The soft pipe is calibrated and cooled in a vacuum tank or water bath to solidify and fix its geometry. A haul-off unit ensures steady pulling of the pipe, maintaining dimensional accuracy, and finally, the pipe is cut to the required lengths, typically 3 meters.
Material properties	Linear mass density: 0.13 kg/m
Manufacturing site	Dietzel GmbH Dietzel GmbH Austria Vienna 1110
UN CPC code	36320. Tubes, pipes and hoses, and fittings therefor, of plastics
Geographical scope(s)	Austria, Europe
Geographical scope description	The product is manufactured in Austria and used within Europe.

PRODUCT IMAGES



CONTENT DECLARATION

Content declaration of multiple products	The content below describes the average content of the rigid conduits produced in 2024.
Hazardous and toxic substances	The product does not contain any substances from the SVHC candidate list in concentrations exceeding 0.1% of its weight.

PRODUCT CONTENT

Content name	Mass, kg	Post-consumer recycled material, mass-% of product	Biogenic material, mass-% of product	Biogenic material ¹ , kg C/declared unit
Polypropylene	0.12	0	0	0
Pigment	0.005	0	0	0
Flame retardant	0.005	0	0	0
Total	0.13	0	0	0
Note 1	1 kg biogenic carbon is equivalent to 44/12 kg of CO ₂			

PACKAGING MATERIALS

Material name	Mass, kg	Mass-% (versus the product)	Biogenic material ¹ , kg C/declared unit
PE film	0.0042	3	0
Pallet	0.00057	0.4	0.0002
Steel band	0.00023	0.2	0
Total	0.005	3.6	0.0002
Note 1	1 kg biogenic carbon is equivalent to 44/12 kg of CO ₂		

LCA INFORMATION

EPD based on declared or functional unit	Declared unit
Declared unit and reference flow	Rigid conduit Length: 1 m
Conversion factor to mass	0.13
Are infrastructure or capital goods included in any upstream, core or downstream processes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Data sources used for this EPD	ecoinvent database (general) ecoinvent 3.11 database Other database GaBi Database: MLC 2025.2
LCA Software	LCA for Experts (formerly GaBi Software) N/A
Version of the EN 15804 reference package	EF Reference Package 3.1
Characterisation methods	EN 15804 + A2 (based on EF 3.1)
Technology description including background system	The products considered are rigid conduits according to EN 61386-21. The product consists on polypropylene, pigment and flame retardant. The polypropylene content is over 90%.
Scrap (recycled material) inputs contribution level	Less than 10% of the GWP-GHG results in modules A1-A3 come from scrap inputs

Data quality assessment

Description of data quality assessment and reference years	Data quality is considered good and the reference year is 2024
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DATA QUALITY ASSESSMENT					
Process name	Source type	Source	Reference year	Data category	Share of primary data, of GWP-GHG results for A1-A3
Manufacturing of raw materials	Database	MLC 2025.2, Ecoinvent 3.11	2024	Representative generic datasets	
Input transport	Database	MLC 2025.2	2024	Primary data	3%
Manufacturing of products	Collected data	MLC 2025.2	2024	Primary data	15%
Manufacturing of product packaging	Database	MLC 2025.2	2024	Representative generic datasets	
Generation of electricity used in production	Supplier specific data	Supplier	2024	Primary data	3%
Total share of primary data, of GWP-GHG results for A1-A3					21%
Note	The share of primary data is calculated based on GWP-GHG results. It is a simplified indicator for data quality that supports the use of more primary data to increase the representativeness of and comparability between EPDs. Note that the indicator does not capture all relevant aspects of data quality and is not comparable across product categories.				

ELECTRICITY USED IN THE MANUFACTURING PROCESS IN A3 (A5 FOR SERVICES)		
Type of electricity mix	Specific electricity mix as generated, or purchased from an electricity supplier, demonstrated by a contractual instrument	
Energy sources	Hydro	1.08%
	Wind	11.94%
	Solar	4.95%
	Biomass	5.18%
	Geothermal	0%
	Waste	0%
	Nuclear	0%
	Natural gas	69.9%
	Coal	0%

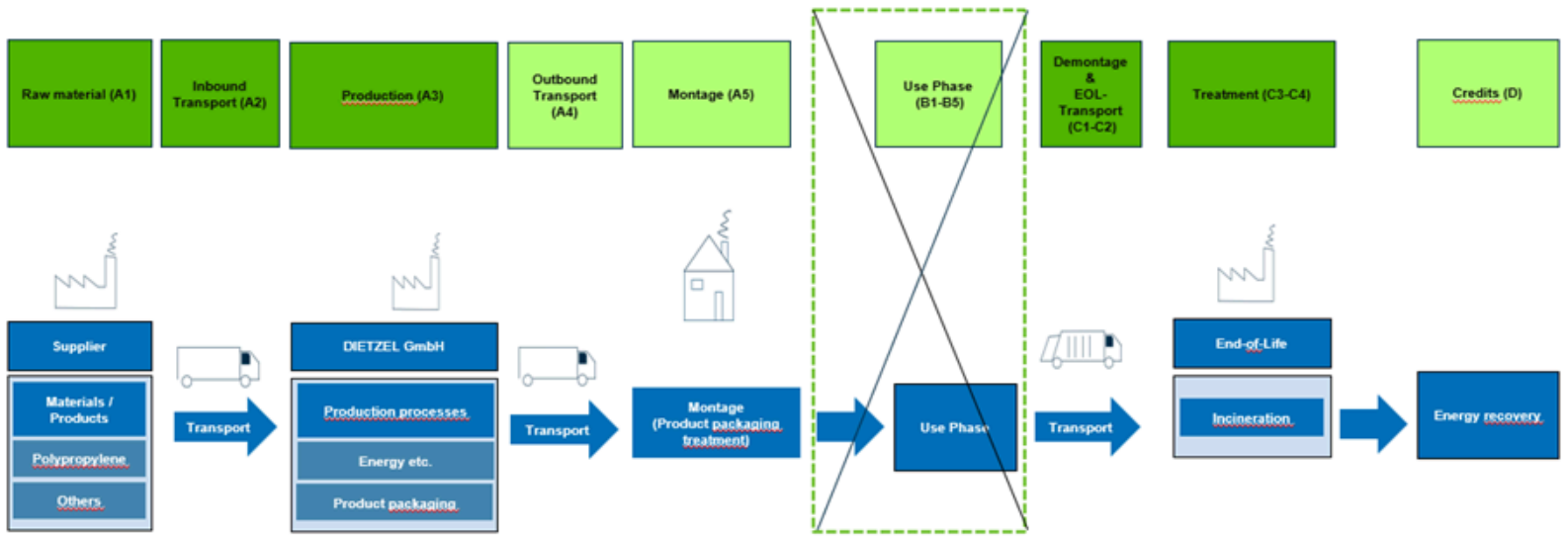
	Oil	0%
	Peat	0%
	Other	6.95%
Climate impact (GWP-GHG):	0.38 kg CO ₂ eq./kWh	

SYSTEM BOUNDARY

Description of the System boundary	b) Cradle to gate with options, modules C1-C4, module D and with optional modules (A1-A3 + C + D and additional modules).
Excluded modules	Yes, there is an excluded module, or there are excluded modules
Justification for omission of modules	Module B are excluded because of the different applications and the long lifespan of the product

	Product stage			Construction process stage		Use stage							End of life stage				Beyond product life cycle
	Raw material supply	Transport	Manufacturing	Transport to site	Construction installation	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse-Recovery-Recycling-potential
Module	A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Modules declared	X	X	X	X	X	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	Austria	Austria	Austria	Europe	Europe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Europe	Europe	Europe	Europe	Europe
Share of specific data	21%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation - products	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation - sites	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disclaimer	The share of specific/primary data and both variations (products and sites) refer to GWP-GHG results only.																

Process flow diagram(s) related images



DEFAULT SCENARIO

Name of the default scenario	Scenario for rigid conduit
Description of the default scenario	Scenarios are assumed for A4, A5 and C modules.

Module A4: Transport to the building site

Explanatory name of the default scenario in module A4	Distribution
Description of the default scenario in module A4	Average client-specific distance with default parameter of truck transport is considered.

Module A4 information	Value	Unit
Distance	846	km
Capacity utilization (including empty returns)	55	%
Load capacity	20000-26000	kg

Module A5: Installation in the building

Explanatory name of the default scenario in module A5	Packaging treatment
Description of the default scenario in module A5	50km is assumed for transport distance and the packaging is assumed to be incinerated.

Module A5 information	Value	Unit
Transport to waste treatment	50	km
Incineration of packaging waste	100	%

Module C: End-of-life

Explanatory name of the default scenario in module C	End-of-life treatment
Description of the default scenario in module C	5kWh /t diesel is assumed for demolition and the product is assumed to be transported 50 km and 100% incinerated.

Module C information	Value	Unit
Transport to waste treatment	50	km
Waste incineration	100	%
Diesel used in demolition of 1 ton product	5	kWh

Module D: Beyond product life cycle

Explanatory name of the default scenario in module D	Resource recovery
Description of the default scenario in module D	Avoided production of electricity and steam in another product system due to the incineration processes of packaging materials and products from end-of-life were considered

Module D information	Value	Unit
Electricity credits from A5	0.020	MJ
Thermal energy credits from A5	0.036	MJ
Electricity credits from C3	0.86	MJ
Thermal energy credits from C3	1.53	MJ

ENVIRONMENTAL PERFORMANCE

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

Mandatory environmental performance indicators according to EN 15804

Impact category	Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Climate change - total	GWP-total	kg CO ₂ eq.	3.65E-1	1.22E-2	1.15E-2	ND	ND	ND	ND	ND	ND	ND	2.34E-4	6.95E-4	4.04E-1	0.00E+0	-1.95E-1
Climate change - fossil	GWP-fossil	kg CO ₂ eq.	3.63E-1	1.22E-2	1.06E-2	ND	ND	ND	ND	ND	ND	ND	2.34E-4	6.94E-4	4.04E-1	0.00E+0	-1.94E-1
Climate change - biogenic	GWP-biogenic	kg CO ₂ eq.	1.62E-3	1.37E-5	9.08E-4	ND	ND	ND	ND	ND	ND	ND	4.73E-8	7.78E-7	1.21E-5	0.00E+0	-9.19E-4
Climate change - land use and land-use change	GWP-luluc	kg CO ₂ eq.	1.10E-4	1.21E-6	8.75E-7	ND	ND	ND	ND	ND	ND	ND	2.39E-8	6.86E-8	3.41E-6	0.00E+0	-2.76E-4
Ozone depletion	ODP	kg CFC-11 eq.	7.15E-11	1.81E-15	2.56E-15	ND	ND	ND	ND	ND	ND	ND	3.47E-12	1.03E-16	2.25E-14	0.00E+0	-1.60E-12
Acidification	AP	mol H ⁺ eq.	6.16E-4	1.11E-5	1.61E-6	ND	ND	ND	ND	ND	ND	ND	2.09E-6	6.33E-7	4.06E-5	0.00E+0	-3.25E-4
Eutrophication aquatic freshwater	EP-freshwater	kg P eq.	3.86E-6	2.97E-9	4.20E-10	ND	ND	ND	ND	ND	ND	ND	7.53E-9	1.69E-10	2.74E-9	0.00E+0	-1.76E-7
Eutrophication aquatic marine	EP-marine	kg N eq.	1.58E-4	3.55E-6	4.54E-7	ND	ND	ND	ND	ND	ND	ND	9.73E-7	2.02E-7	8.72E-6	0.00E+0	-6.80E-5
Eutrophication terrestrial	EP-terrestrial	mol N eq.	1.71E-3	4.06E-5	7.25E-6	ND	ND	ND	ND	ND	ND	ND	1.06E-5	2.31E-6	1.92E-4	0.00E+0	-7.60E-4
Photochemical ozone formation	POCP	kg NMVOC eq.	6.01E-4	1.24E-5	1.29E-6	ND	ND	ND	ND	ND	ND	ND	3.18E-6	7.08E-7	2.59E-5	0.00E+0	-1.90E-4
Depletion of abiotic resources - minerals and metals	ADP-minerals&metals ¹	kg Sb eq.	1.83E-7	3.50E-10	2.92E-11	ND	ND	ND	ND	ND	ND	ND	8.34E-11	1.99E-11	2.54E-10	0.00E+0	-1.98E-8
Depletion of abiotic resources - fossil fuels	ADP-fossil ¹	MJ, net calorific value	1.06E+1	1.62E-1	5.66E-3	ND	ND	ND	ND	ND	ND	ND	3.01E-3	9.21E-3	4.74E-2	0.00E+0	-3.41E+0
Water use	WDP ¹	m ³ world eq. deprived	1.03E-2	3.07E-5	1.13E-3	ND	ND	ND	ND	ND	ND	ND	9.22E-6	1.75E-6	3.72E-2	0.00E+0	-1.42E-2
Acronyms	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																
General disclaimer	The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3/A1-A5 for services).																
Disclaimer 1	The results of this environmental impact indicator shall be used with care as the uncertainties of these results are high or as there is limited experience with the indicator																

Additional mandatory environmental performance indicators

Impact category	Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Climate change - GWP-GHG	GWP-GHG ¹	kg CO ₂ eq.	3.63E-1	1.22E-2	1.06E-2	ND	ND	ND	ND	ND	ND	ND	2.34E-4	6.94E-4	4.04E-1	0.00E+0	-1.95E-1
Acronyms	GWP-GHG = Global warming potential greenhouse gas.																
General disclaimer	The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3/A1-A5 for services).																
Disclaimer 1	The GWP-GHG indicator is termed GWP-IOBC/GHG in the ILCD+EPD+ data format. The indicator accounts for all greenhouse gases except biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. As such, the indicator is identical to GWP-total except that the CF for biogenic CO ₂ is set to zero.																

Additional voluntary environmental performance indicators according to EN 15804

Impact category	Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Particulate matter emissions	PM	Disease incidence	5.30E-9	1.18E-10	1.90E-11	ND	ND	ND	ND	ND	ND	ND	5.89E-11	6.70E-12	2.37E-10	0.00E+0	6.01E-4
Ionizing radiation - human health	IRP ¹	kBq U235 eq.	6.04E-3	3.83E-5	2.60E-5	ND	ND	ND	ND	ND	ND	ND	1.30E-6	2.18E-6	4.35E-4	0.00E+0	1.83E-7
Eco-toxicity - freshwater	ETP-fw ²	CTUe	6.46E+0	1.20E-1	3.60E-3	ND	ND	ND	ND	ND	ND	ND	1.61E-4	6.82E-3	1.75E-2	0.00E+0	1.06E+1
Human toxicity - cancer effects	HTP-c ²	CTUh	1.36E-10	1.84E-12	1.66E-13	ND	ND	ND	ND	ND	ND	ND	2.52E-14	1.04E-13	2.57E-12	0.00E+0	1.03E-2
Human toxicity - non-cancer effects	HTP-nc ²	CTUh	2.50E-9	3.00E-11	1.26E-11	ND	ND	ND	ND	ND	ND	ND	3.83E-13	1.71E-12	1.19E-11	0.00E+0	0.00E+0
Land-use related impacts/soil quality	SQP ²	Dimensionless	1.55E+0	9.88E-4	1.28E-3	ND	ND	ND	ND	ND	ND	ND	2.00E-4	5.62E-5	1.48E-2	0.00E+0	3.63E-1
Acronyms	PM = Potential incidence of disease due to particulate matter emissions; IRP = Potential human exposure efficiency relative to U235; ETP-fw = Potential comparative toxic unit for ecosystems; HTP-c = Potential comparative toxic unit for humans; HTP-nc = Potential comparative toxic unit for humans; SQP = Potential soil quality index.																
General disclaimer	The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3/A1-A5 for services).																
Disclaimer 1	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.																
Disclaimer 2	The results of this environmental impact indicator shall be used with care as the uncertainties of these results are high or as there is limited experience with the indicator.																

Resource use indicators according to EN 15804

Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
PERE	MJ, net calorific value	1.21E+0	1.17E-3	1.27E-2	ND	ND	ND	ND	ND	ND	ND	1.92E-5	6.64E-5	1.30E-2	0.00E+0	-1.08E+0
PERM	MJ, net calorific value	1.14E-2	0.00E+0	-1.14E-2	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
PERT	MJ, net calorific value	1.22E+0	1.17E-3	1.33E-3	ND	ND	ND	ND	ND	ND	ND	1.92E-5	6.64E-5	1.30E-2	0.00E+0	-1.08E+0
PENRE	MJ, net calorific value	1.06E+1	1.62E-1	1.99E-1	ND	ND	ND	ND	ND	ND	ND	3.01E-3	9.21E-3	5.98E+0	0.00E+0	-9.54E+0
PENRM	MJ, net calorific value	6.13E+0	0.00E+0	-1.93E-1	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	-5.93E+0	0.00E+0	0.00E+0
PENRT	MJ, net calorific value	1.67E+1	1.62E-1	5.66E-3	ND	ND	ND	ND	ND	ND	ND	3.01E-3	9.21E-3	4.74E-2	0.00E+0	-9.54E+0
SM	kg	0.00E+0	0.00E+0	0.00E+0	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
RSF	MJ, net calorific value	0.00E+0	0.00E+0	0.00E+0	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
NRSF	MJ, net calorific value	0.00E+0	0.00E+0	0.00E+0	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
FW	m ³	1.26E-3	1.27E-6	2.68E-5	ND	ND	ND	ND	ND	ND	ND	2.69E-6	7.21E-8	8.72E-4	0.00E+0	-4.99E-4
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water.															
General disclaimer	The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3/A1-A5 for services).															

Waste indicators according to EN 15804

Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
HWD	kg	3.48E-4	6.14E-12	2.70E-12	ND	ND	ND	ND	ND	ND	ND	2.69E-6	3.49E-13	2.58E-11	0.00E+0	-2.18E-9
NHWD	kg	6.08E-3	1.44E-5	1.08E-3	ND	ND	ND	ND	ND	ND	ND	2.00E-5	8.19E-7	1.60E-3	0.00E+0	-1.79E-3
RWD	kg	5.10E-5	2.71E-7	1.97E-7	ND	ND	ND	ND	ND	ND	ND	0.00E+0	1.54E-8	2.72E-6	0.00E+0	-2.45E-4
Acronyms	HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed.															
General disclaimer	The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3/A1-A5 for services).															

Output flow indicators according to EN 15804

Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
CRU	kg	0.00E+0	0.00E+0	0.00E+0	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
MFR	kg	0.00E+0	0.00E+0	0.00E+0	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
MER	kg	0.00E+0	0.00E+0	0.00E+0	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
EEE	MJ, net calorific value	0.00E+0	0.00E+0	2.04E-2	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	8.61E-1	0.00E+0	0.00E+0
EET	MJ, net calorific value	0.00E+0	0.00E+0	3.64E-2	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	1.53E+0	0.00E+0	0.00E+0
Acronyms	CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy.															
General disclaimer	The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3/A1-A5 for services).															

INFORMATION RELATED TO EPDS OF MULTIPLE PRODUCTS

Description of how the averages have been determined	Annual production data is used to calculate the average by dividing the total length of the products.
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ABBREVIATIONS

Not applicable

REFERENCES

General Programme Instructions of International EPD System. Version 5.0.1.

Product Category Rule (PCR) for construction products, version 2.0.1, 2025

EN 15804:2012+A1:2014+A2:2019, Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products

VERSION HISTORY

Version 001, 2025-12-08

