



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

DEVI & EC Asphalt and Snow heating cables



Programme	The International EPD® System, www.environdec.com
Programme operator	EPD international
EPD issued	2024-10-03
EPD expires	2029-10-03
EPD registration number	S-P-13375
EPD author	Danfoss Climate Solutions
EPD type	Cradle-to-grave
Functional unit	1 m of cable with packaging and a RSL of 20 years
Products included	DEVI & EC Asphalt and snow heating cables (sales codes present in Annex 1) EPD of multiple products, based on worst-case results
Manufacturing Location	Grodzisk, Poland
Use Location	Norway
Application	Multiple indoor floor constructions and pipe tracing applications
Mass	63,98 g without packaging 79,98 g with packaging
Dimensions (H×W×D)	1 m
Verification	<input checked="" type="checkbox"/> External <input type="checkbox"/> Internal <input type="checkbox"/> None
Produced to	PCR 2019:14 Construction products 1.3.3 c-PCR-019 c-PCR-019 Electrical cables and wires (for construction sector) (c-PCR to PCR 2019:14) (Adopted from EPD Norway)
External verifier	Odyssefs Papagiannidis, EPD Lead verifier under Bureau Veritas Certification Sweden, accredited by SWEDAC accr. no. 1236.

Introduction

Programme information

Programme:	The International EPD® System
Address:	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
Website:	www.environdec.com
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Accountabilities for PCR, LCA and independent, third-party verification
Product Category Rules (PCR)
CEN standard EN 15804 serves as the Core Product Category Rules (PCR)
Product Category Rules (PCR): Construction products PCR 2019:14 v. 1.3.2, CPC code 46122 & CPC 463 Insulated wire and cable. c-PCR: NPCR 027 2022 Part B Electrical cables and wires A2
PCR review was conducted by: The Technical Committee of the International EPD® System. Chair: Claudia Peña. Contact via info@environdec.com
Life Cycle Assessment (LCA)
LCA accountability: <i>Jaka Jelenc, Danfoss Climate Solutions A/S</i>
Third-party verification
Independent third-party verification of the declaration and data, according to ISO 14025:2006, via: <input checked="" type="checkbox"/> EPD verification by accredited certification body Third-party verification: Odyssefs Papagiannidis, EPD Lead verifier on behalf of the <i>Bureau Veritas Certification Sweden</i> , an approved certification body accountable for the third-party verification. The certification body is accredited by: <i>SWEDAC with accreditation number 1236</i> .

An EPD should provide current information and may be updated if conditions change. The stated validity is therefore subject to the continued registration and publication at www.environdec.com

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

Introduction

This Environmental Product Declaration (EPD) follows the the following Product Category Rules (PCR): Construction products PCR 2019:14 v 1.3.3. & NPC 027 Part B for electrical cables and wires, version 2.0. These rules provide a consistent framework for calculating and reporting the environmental performance of Danfoss' products and is aligned with relevant international standards, particularly ISO 14025:2006 and EN 15804+A2:2019.

What is an EPD?

An EPD is a document used to communicate transparently, the quantified environmental impacts of a product over its lifecycle stages. This quantification is done by performing a Life Cycle Assessment (LCA) in line with a consistent set of rules known as a PCR (Product Category Rules).

An EPD provides:

- A product's carbon footprint together with other relevant environmental indicators, including air pollution, water use, energy consumption and waste, over its own life cycle (Modules A-C), as well as the expected benefits of reuse and recycling in reducing the impact of future products (Module D). See Table 1 for module descriptions.
- Environmental data allowing customers to calculate LCAs and produce EPDs for their own products.

“EPDs within the same product category but registered in different EPD programmes, or not compliant with EN 15804, may not be comparable. For two EPDs to be comparable, they must be based on the same PCR (including the same 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 equivalent system boundaries and descriptions of data; apply equivalent data quality requirements, methods of data collection, and allocation methods; apply identical cut-off rules and impact assessment methods (including the same version of characterisation factors); have equivalent content declarations; and be valid at the time of comparison. For further information about comparability, see EN 15804 and ISO 14025.

This EPD follows additional requirements for construction products considered as Electronic or Electric Equipment

Type of EPD

This EPD is of the type 'cradle-to-grave' and includes all relevant modules: production (A1-A3), shipping (A4), Use (B1-B7), deconstruction (C1), waste collection and transport (C2), treatment (C3) and disposal (C4). It also includes potential net benefits to future products from recycling or reusing post-consumer waste (D). The codes in brackets are the module labels from EN 15804+A2. Module for installation and models concerning use, maintenance, repair, replacement, refurbishment, energy and operational water use (B7) are excluded, following the cut-off rules from EN 15804.

Introduction

Table 1: Modules of the product’s life cycle included in the EPD

	Product stage			Construction process stage		Use stage							End of life stage				Resource recovery stage
	Raw material supply	Transport	Manufacturing	Transport	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	X	X	X	X	X	x	X	X	X	X	X	X
Geography	EU-28		PL	NO	NO	-	-	-	-	-	-	-	NO	NO	NO	NO	NO
Specific data used	12%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	Manufactured in one site			-	-	-	-	-	-	-	-	-	-	-	-	-	-

(X = declared module; MND = module not declared)

Product Description

DEVIsnow™ and DEVlasphalt™ are an extremely high-quality, 360° fully screened twin conductor cables with a tough outer sheath (DEVIsnow™ UV stable PVC & DEVlasphalt™ UV stable XLPO). Its round profile and robust construction ensure a fast, simple, and safe installation in multiple outdoor applications. DEVIsnow™ is used for frost protection of roof and gutters and snow and ice melting on ground areas, such as ramps, sidewalks, stairs, and parking areas. DEVlasphalt™ is used for snow and ice melting of asphalt roads.

Heating cable must be used together with an appropriate thermostat to secure against overheating and reduce energy consumption.

To ensure a long lifetime, all cables are minutely inspected including tests for Ohmic resistance, high voltage and material controls to ensure the quality. This means that we are proud to supply our extended DEVIwarranty™

See more information about DEVIsnow™ on [Danfoss product store](#).

See more information about DEVlasphalt™ on [Danfoss product store](#).



Figure 1: DEVIsnow™ heating cables.



Figure 2: DEVlasphalt™ heating cables.

Product Description

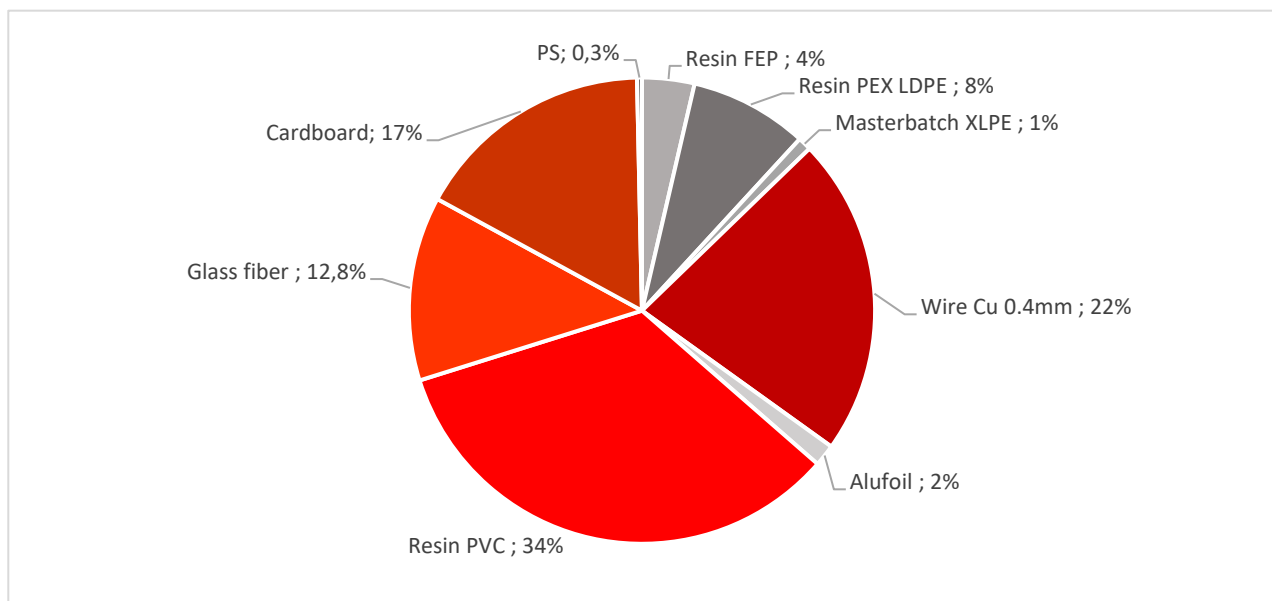
Intended market.

The intended market of this study is Norway, and the baseline scenario involves the distribution, installation, and end-of-life in Norway.

Table 2: Product composition

Object description	Net weight	Unit	%
Resin FEP	3,41	g	4%
Resin PEX LDPE	7,69	g	10%
Masterbatch XLPE	0,88	g	1%
Wire Cu 0.4mm	20,78	g	27%
Alufoil	1,42	g	2%
Resin PVC	31,66	g	41%
Glass fiber	12,00	g	15%
Total product	77,84	g	100%
Cardboard	15,68	g	98%
PS	0,32	g	2%
Total packaging	16,00	g	100%
Product	77,84	g	83%
Packaging	16,00	g	17%
Total product & packaging	93,84	g	100%

The EPD values were calculated for this composition, this composition represents the highest environmental values for all the product codes in DEVI & EC Asphalt and Snow heating cables, therefore it represents all the products in both product groups. All sales codes covered by this EPD are shown in table 14 & 15.



Product Description

Figure 3: Material Composition Overview

The declared unit is 1 m of cable with packaging, with the mass of 93,84 g

The biggest difference between DEVIsnow and DEVlasphalt is in the outer jacket. In the case of DEVlasphalt the outer shell is made from XLPO.

This EPD covers multiple sales codes for Asphalt and Snow heating cables. The outer insulation of the heating cables is made from the same material for all sales coded. Within these sales codes, there are 5/4 material combinations for the heating part (metal wire) of the Asphalt and Snow cables. Tables 3 & 4 show the material compositions for all 5/4 combinations.

Table 3: Product composition for other Asphalt and Snow heating cables codes

Cable type	Asphalt cable combinations
a	Copper
b	Copper
	Stainless steel
C	Stainless steel
d	Copper
	Stainless steel
	Kevlar
e	Copper
	Kevlar

Due to its low mass Kevlar is excluded from the study. Glass was used to represent glass fiber in the LCA study. PET was used to represent FEP in the LCA study.

Overview of LCA study

Data quality

Data quality of the selected datasets is generally assessed as good and very good in terms of geographical, time and technology representativeness and applicability. Background data is from LCA software LCA for experts (Sphera) database version 2023.1.

Allocation and cut-off criteria

The allocation is made in accordance with the provisions of EN 15804+A2. All major raw materials and all the essential energy are included. All hazardous materials and substances are considered in the inventory. Data sets within the system boundary are complete and fulfil the criteria for the exclusion of inputs and output criteria. No known material or energy flows were ignored, including those which fell below the limit of 1%. Accordingly, the total sum of input flows ignored is certainly less than 5% of the energy and mass applied.

Accordingly, the total sum of input flows ignored is certainly less than 5% of the energy and mass applied.

System boundaries

The results in this EPD are split into life cycle modules following EN 15804 (Figure 1): production (A1-A3), distribution (A4), (A5) installation, (B6) operational energy and the end of the product's life (C1-C4). Module D represents environmental benefits and loads that occur beyond the system boundary (i.e., in future products).

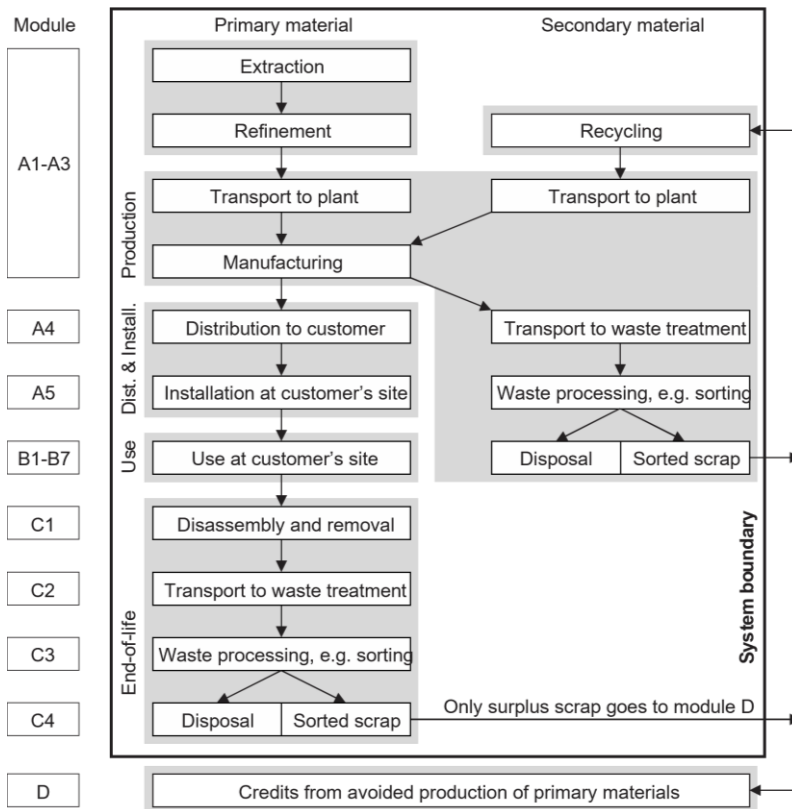


Figure 4: Modular structure used in this EPD (following EN 15804+A2)

Overview of LCA study

Product and packaging manufacture (A1-A3)

Final manufacturing occurs in the Grodzisk plant, Poland. The raw materials are mainly sourced from Europe. Electricity is used to press the heating metal core together with the outside shell. Mass allocation applied based on electricity consumption for heating cables in the heating cables product line, due to difference in revenue being small. Electricity consumption was calculated as the sum of total yearly electricity consumption divided by total m of cables made. Electricity consumed is backed by PPAs (validity date 2022, type of electricity: wind power). The product is then cut to desired length and shipped to the customer. The facility is certified according to ISO 9001 & ISO 14001. Where waste generated on-site is recyclable, it is separated and recycled. For further information, [see here](#).

Table 4: Biogenic carbon content in product

	Total (excluding recycling)
Biogenic carbon content in product [kg]	0,00674

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

Shipping and installation (A4-A5)

The intended market for Asphalt and Snow heating cables is Norway. The assembly factory is in Poland, so a distance of 1162 km by truck and 163 km by container ship (representing a ferry) was used to represent the distance between the factory and the final customer.

Module A5 includes disposal of packaging materials only, the benefits from e.g., energy recovered after plastic incineration are allocated to module D. The product is assumed to be installed by hand and there is no loss of product during installation. Energy use in handheld tools during installation is not included as it falls under the cut-off criteria.

Module B1-B7: Use

Modules B1-B5 & B7 are assessed to have no or little impact on the overall results, and are presented in this EPD as 0.

Modul B6: Operational energy use

The Reference Service Life (RSL) applied in the LCA is 20 years.

According to Danfoss heating cables applications expert the Asphalt and Snow heating cables are used outdoor. The expert assessed that the heating cables in this type of applications is operational 800 hours per year on average. The power consumption of the heating cables is assumed at 30 W/m.

Overview of LCA study

End-of-life (C1-C4)

The following end-of-life procedure has been applied:

- Manual dismantling is used to separate recyclable bulk materials, e.g. bulk metals and plastics.
- Shredding is used for the remaining parts, such as printed circuit board assemblies.
- Ferrous metals, non-ferrous metals and bulk plastics are recovered through recycling.
- The remaining materials go to either energy recovery or landfill.

In line with EN 15804+A2, only the 'net scrap' (i.e., the leftover recyclable materials remaining after inputs of recycled content required in the manufacturing phase are first satisfied) is used to calculate the benefits and loads beyond the system boundary (Module D).

For this EPD an average scenario with 50% of the product sent to recycling % 50% of the product sent to landfill (C3, C4, D) was used.

This scenario is designed to represent an average end-of-life scenario.

For the EPD this average scenario was chosen as it is assumed that it represents the majority of cases on average.

1. Recycling scenario with 100% of the product sent to recycling at the end-of-life, excluding fractions that cannot be recycled or incinerated (e.g., glass reinforcing in glass-filled plastics) and are sent to landfill.

This scenario illustrates best case performance. It assumes a 100% collection rate and best available recycling technologies. Under this scenario electrical cables, and all metals, flat glass and unreinforced plastics found within the body and chassis of the product are recycled. Printed circuit board assemblies are incinerated, and the copper and precious metals (gold, silver, palladium, and platinum) are recycled.

2. Landfill scenario with 100% of the product sent to landfill.

This scenario assumes that the whole product, including its packaging, is landfilled. It is designed to represent a poor end-of-life-route where valuable resources are lost.

Benefits and loads beyond the system boundary (D)

Module D considers the net benefit of recycling (including energy recovery) of materials in the product and packaging, taking account of losses in the recycling process and the recycled material used in the production of the product. Module D covers the two end-of-life scenarios, as described above.

Environmental performance

This section presents the environmental performance of 1 m of Asphalt and Snow heating cable . Figure 5 presents the environmental impact of 1m of Asphalt and Snow heating cable across a number of environmental impact categories (following EN 15804+A2:2019) per life cycle stage, over its full life cycle, including Global Warming Potential.

Figure 5: Breakdown of environmental impacts by life cycle stages (see Table 7 for descriptions of environmental impact indicators).

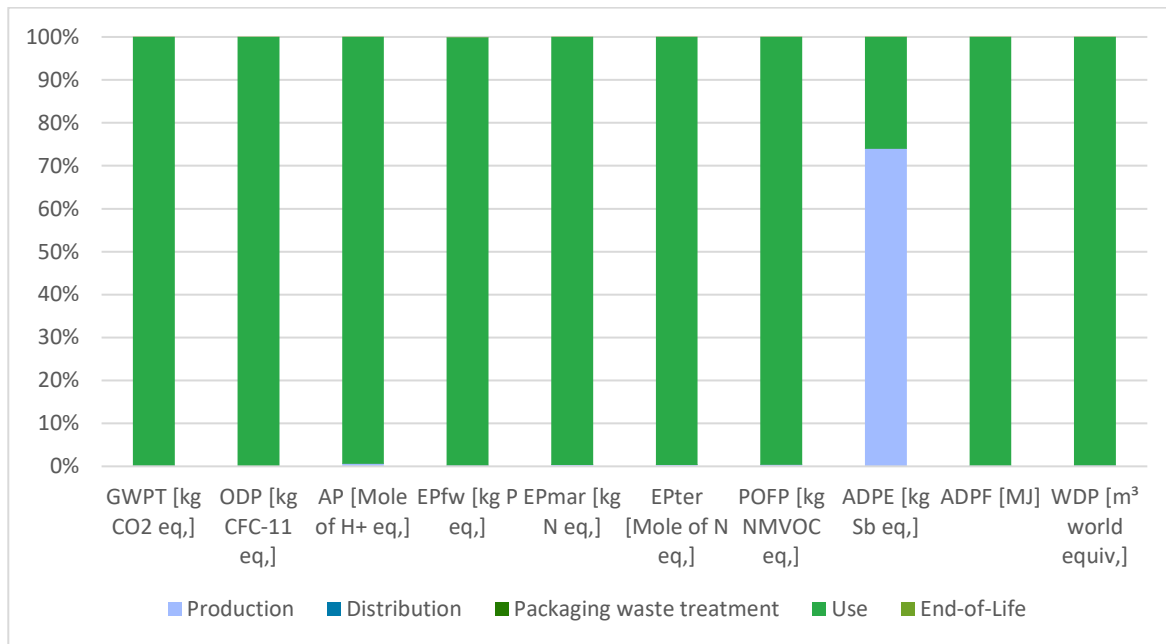


Table 5: Environmental impact indicators per functional unit

	Production	Distribution	Packaging waste treatment	Use		End-of-Life				(not included in Figure 5)
Life cycle stages based on EN 15804+A2	A1-A3	A4	A5	B1-B5 & B7	B6	C1	C2	C3	C4	D
Description	Manufacture of the product from 'cradle-to-gate'	Transport of the product to the customer	Installation of the product and disposal of used packaging	Use, maintenance, repair, replacement, refurbishment of the product and operational water use	Use of the product over its lifetime e.g., 20 years	Deinstallation of the product from the site	Transport of the product to waste treatment	Processing waste for recycling	Disposal of waste that cannot be recycled (through landfill and incineration)	Potential benefits and loads beyond the system boundary due to reuse, recycling, and energy recovery
Environmental Impact Indicators										
GWPT [kg CO2 eq.]	2,47E-01	1,30E-02	2,63E-02	0,00E+00	1,76E+01	0,00E00	7,95E-04	3,65E-03	2,07E-03	-8,17E-02
GWPF [kg CO2 eq.]	2,71E-01	1,29E-02	1,54E-03	0,00E+00	1,76E+01	0,00E00	7,95E-04	3,62E-03	2,07E-03	-8,15E-02
GWPB [kg CO2 eq.]	-2,47E-02	0,00E+00	2,47E-02	0,00E+00	4,62E-02	0,00E00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
GWPLULUC [kg CO2 eq.]	5,18E-04	1,17E-04	1,56E-06	0,00E+00	2,14E-03	0,00E00	1,92E-08	3,31E-05	2,02E-06	-1,84E-04
ODP [kg CFC-11 eq.]	1,50E-12	1,66E-15	1,03E-15	0,00E+00	1,21E-10	0,00E00	9,28E-20	4,65E-16	2,94E-15	-3,94E-13
AP [Mole of H+ eq.]	1,98E-03	2,98E-05	8,19E-06	0,00E+00	1,69E-02	0,00E00	1,09E-06	2,25E-05	8,65E-06	-8,82E-04
EPfw [kg P eq.]	1,18E-06	4,61E-08	6,93E-08	0,00E+00	5,12E-05	0,00E00	1,72E-10	1,31E-08	2,49E-07	-1,19E-07
EPmar [kg N eq.]	2,37E-04	1,06E-05	4,42E-06	0,00E+00	5,51E-03	0,00E00	4,33E-07	1,10E-05	2,75E-06	-6,20E-05
EPter [Mole of N eq.]	2,53E-03	1,20E-04	4,03E-05	0,00E+00	5,59E-02	0,00E00	4,77E-06	1,22E-04	3,02E-05	-6,51E-04
POFP [kg NMVOC eq.]	7,81E-04	2,51E-05	1,11E-05	0,00E+00	1,38E-02	0,00E00	1,03E-06	2,09E-05	6,95E-06	-2,57E-04
ADPE [kg Sb eq.]	6,54E-05	8,32E-10	7,89E-11	0,00E+00	1,07E-05	0,00E00	2,83E-11	2,36E-10	6,35E-11	-3,67E-05
ADPF [MJ]	5,21E+00	1,75E-01	2,09E-02	0,00E+00	2,57E+02	0,00E00	1,15E-02	4,87E-02	2,96E-02	-1,55E+00
WDP [m ³ world equiv.]	7,18E-02	1,53E-04	9,43E-05	0,00E+00	3,54E+00	0,00E00	1,34E-06	4,32E-05	1,59E-05	-2,98E-02

Table 6: GWPT-GHG indicator per functional unit

	Production	Distribution	Packaging waste treatment	Use		End-of-Life				(not included in Figure 5)
Life cycle stages based on EN 15804+A2	A1-A3	A4	A5	B1-B5 & B7	B6	C1	C2	C3	C4	D
Description	Manufacture of the product from 'cradle-to-gate'	Transport of the product to the customer	Installation of the product and disposal of used packaging	Use, maintenance, repair, replacement, refurbishment of the product and operational water use	Use of the product over its lifetime e.g., 10 years	Deinstallation of the product from the site	Transport of the product to waste treatment	Processing waste for recycling	Disposal of waste that cannot be recycled (through landfill and incineration)	Potential benefits and loads beyond the system boundary due to reuse, recycling, and energy recovery
Environmental Impact Indicators										
GWP-GHG [kg CO2 eq.]	2,72E-01	1,30E-02	1,54E-03	0,00E+00	1,76E+01	0,00E+00	0,00E+00	7,95E-04	3,65E-03	2,07E-03

*the GWP-GHG environmental indicator is calculated without the biogenic global warming potential (GWPB), the formula is $GWP-GHG = GWPF + GWPLULUC$

How to read scientific numbers:

e.g. $2,05E02 = 2,05 \times 10^2 = 205$

$2,04E-01 = 2,04 \times 10^{-1} = 0,204$

Table 7: Environmental impact indicator descriptions

Acronym	Unit	Indicator
GWPT	kg CO ₂ eq.	Carbon footprint (Global Warming Potential) – total
GWPF	kg CO ₂ eq.	Carbon footprint (Global Warming Potential) – fossil
GWPB	kg CO ₂ eq.	Carbon footprint (Global Warming Potential) – biogenic
GWPLULUC	kg CO ₂ eq.	Carbon footprint (Global Warming Potential) – land use and land use change
GWP-GHG	kg CO ₂ eq.	Carbon footprint (Global Warming Potential) – total without Carbon footprint (Global Warming Potential) – biogenic
ODP	kg CFC-11 eq.	Depletion potential of the stratospheric ozone layer
AP	Mole H+ eq.	Acidification potential
EPfw	kg P eq.	Eutrophication potential – aquatic freshwater
EPmar	kg N eq.	Eutrophication potential – aquatic marine
EPter	Mole of N eq.	Eutrophication potential – terrestrial
POFP	kg NMVOC eq.	Summer smog (photochemical ozone formation potential)
ADPE*	kg Sb eq.	Depletion of abiotic resources – minerals and metals
ADPF*	MJ	Depletion of abiotic resources – fossil fuels
WDP*	m ³ world eq.	Water deprivation potential (deprivation-weighted water consumption)

Results for module A1-A3 are specific to the product. All results from module A4 onwards should be considered as scenarios that represent one possible outcome. The true environmental performance of the product will depend on actual use.

The results in this section are relative expressions only and do not predict actual impacts, the exceeding of thresholds, safety margins, or risks. EPDs from others may not be comparable.

Carbon footprint

The total carbon footprint (GWPT), cradle-to-grave, of the product is 1,79E+01 kg CO₂-eq (A1-C4). The carbon footprint (GWPT) of production of this product, cradle-to-gate, is 2,47E-01 kg CO₂-eq (A1-A3).

Table 8: Resource use per functional unit

	A1-A3	A4	A5	B1-B5 & B7	B6	C1	C2	C3	C4	D
PERE [MJ]	1,89E+00	1,25E-02	1,27E-03	0,00E00	2,20E+03	0,00E00	3,78E-05	3,55E-03	2,42E-03	-2,36E-01
PERM [MJ]	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E+00	0,00E+00	0,00E+00
PERT [MJ]	1,89E+00	1,25E-02	1,27E-03	0,00E00	2,20E+03	0,00E00	3,78E-05	3,55E-03	2,42E-03	-2,36E-01
PENRE [MJ]	4,68E+00	1,75E-01	2,19E-02	0,00E00	2,57E+02	0,00E00	1,15E-02	4,89E-02	2,96E-02	-1,56E+00
PENRM [MJ]	5,32E-01	0,00E00	0,00E+00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E+00	0,00E+00	0,00E+00
PENRT [MJ]	5,21E+00	1,75E-01	2,19E-02	0,00E00	2,57E+02	0,00E00	1,15E-02	4,89E-02	2,96E-02	-1,56E+00
SM [kg]	1,22E-02	0,00E00	0,00E+00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E+00	0,00E+00	0,00E+00
RSF [MJ]	0,00E00	0,00E00	0,00E+00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E+00	0,00E+00	0,00E+00
NRSF [MJ]	0,00E00	0,00E00	0,00E+00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E+00	0,00E+00	0,00E+00
FW [m3]	2,17E-03	1,37E-05	3,00E-06	0,00E00	3,07E+00	0,00E00	6,07E-08	3,88E-06	1,25E-06	-6,65E-04

Table 9: Resource use indicator descriptions

Acronym	Unit	Indicator
PERE	MJ	Use of renewable primary energy excluding renewable primary energy resources used as raw materials
PERM	MJ	Use of renewable primary energy resources used as raw materials
PERT	MJ	Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)
PENRE	MJ	Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials
PENRM	MJ	Use of non-renewable primary energy resources used as raw materials
PENRT	MJ	Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)
SM	kg	Use of secondary material
RSF	MJ	Use of renewable secondary fuels
NRSF	MJ	Use of non-renewable secondary fuels
FW	m ³	Net use of fresh water

Table 10: Waste categories and output flows per functional unit

	A1-A3	A4	A5	B1-B5 & B7	B6	C1	C2	C3	C4	D
HWD [kg]	4,31E-08	5,43E-13	7,32E-13	0,00E00	-1,94E-07	0,00E00	7,89E-14	1,52E-13	1,75E-12	-1,85E-08
NHWD [kg]	4,15E-02	2,65E-05	5,95E-03	0,00E00	9,88E-01	0,00E00	1,15E-06	7,45E-06	3,89E-02	-1,67E-02
RWD [kg]	1,60E-04	3,26E-07	1,31E-07	0,00E00	4,28E-02	0,00E00	1,23E-08	9,15E-08	2,81E-07	-8,09E-06
CRU [kg]	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E+00	0,00E+00	0,00E+00
MFR [kg]	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E+00	3,19E-02	0,00E+00
MER [kg]	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E+00	0,00E+00	0,00E+00
EEE [MJ]	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E+00	0,00E+00	0,00E+00
EET [MJ]	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E00	0,00E+00	0,00E+00	0,00E+00

Table 11: Waste category and output flow descriptions

Acronym	Unit	Indicator
HWD	kg	Hazardous waste disposed
NHWD	kg	Non-hazardous waste disposed
RWD	kg	Radioactive waste disposed
CRU	kg	Components for reuse
MFR	kg	Materials for recycling
MER	kg	Materials for energy recovery
EEE	kg	Exported energy (electrical)
EET	kg	Exported energy (thermal)

Table 12: Additional indicators* per functional unit

	A1-A3	A4	A5	B1-B5 & B7	B6	C1	C2	C3	C4	D
PM [Disease incidences]	1,65E-08	2,94E-10	6,08E-11	0,00E00	1,72E-07	0,00E00	1,51E-11	1,45E-10	8,05E-11	-7,37E-09
IRP [kBq U235 eq.]	2,54E-02	4,86E-05	1,72E-05	0,00E00	4,99E+00	0,00E00	1,74E-06	1,37E-05	4,00E-05	-1,00E-03
ETPfw [CTUe]	3,23E+00	1,24E-01	1,82E-02	0,00E00	7,62E+01	0,00E00	8,31E-03	3,46E-02	7,05E-02	-1,04E+00
HTPc [CTUh]	1,49E-10	2,53E-12	5,19E-13	0,00E00	5,47E-08	0,00E00	1,55E-13	7,10E-13	1,27E-12	-5,01E-11
HTPnc [CTUh]	9,38E-09	1,42E-10	4,99E-11	0,00E00	1,04E-07	0,00E00	6,75E-12	4,45E-11	1,12E-10	-3,70E-09
SQP [Pt]	2,91E+00	7,17E-02	3,11E-03	0,00E00	1,40E+02	0,00E00	2,93E-05	2,04E-02	2,66E-03	-6,02E-01

Table 13: Optional indicator descriptions

Acronym	Unit	Indicator
PM	Disease incidence	Potential incidence of disease due to particulate matter emissions
IRP**	kBq U235 eq.	Potential human exposure efficiency relative to U235
ETPfw*	CTUe	Potential Comparative Toxic Unit for ecosystems (fresh water)
HTPc*	CTUh	Potential Comparative Toxic Unit for humans (cancer)
HTPnc*	CTUh	Potential Comparative Toxic Unit for humans (non-cancer)
SQP*	Dimensionless	Potential soil quality index

*Disclaimer for ADPE, ADPF, WDP, ETPfw, HTPc, HTPnc, SQP: The results of these environmental impact indicators shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.

**Disclaimer for ionizing radiation: 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.

Annex 1: The sales codes of all cables covered in this EPD

To calculate the actual GWPT of purchased product, just multiply the GWPT from this EPD with the length [m] of the purchased product sales code.

Example (A1-C4 for RSL of 20 years):

Sales code: 83902099

Length: 17,5 m

GPWT: 17,9 kgCO₂eq/m

Greenhouse gases from the cable 17,5 m x 152 kgCO₂eq/m = 313,25 kgCO₂eq

Example (A1-A3 cradle to gate):

Sales code: 83902099

Length: 17,5 m

GPWT: 0,247 kgCO₂eq/m

Greenhouse gases from the cable 17,5 m x 0,247 kgCO₂eq/m = 4,32 kgCO₂eq

Table 14: Snow sales codes, covered by this EPD (GX,RX, & TX are same cables as DEVI and EC just different brandnames)

Devi SNOW			
Sales code	Product description	Length [m]	Combination
83901900	DTCE 100T 2,3m ² 0,75x3m 230V	24,3	c
83901903	DTCE 100T 3,6m ² 0,75x4,8m 230V	36,3	b
83901906	DTCE 100T 4,8m ² 0,75x6,4m 230V	48,3	b
83901909	DTCE 100T 6m ² 0,75x8m 230V	60,3	a
83901912	DTCE 100T 8,6m ² 0,75x11,4m 230V	85,8	a
83901915	DTCE 100T 10,5m ² 0,75x14m 230V	105,3	a
83901918	DTCE 100T 12m ² 0,75x16m 230V	120,3	a
83901921	DTCE 150T 2m ² 0,75x2,6m 230V	19,8	c
83901924	DTCE 150T 2,9m ² 0,75x3,8m 230V	28,8	b
83901927	DTCE 150T 3,9m ² 0,75x5,2m 230V	39,3	b
83901930	DTCE 150T 4,8m ² 0,75x6,4m 230V	48,3	a
83901933	DTCE 150T 6,9m ² 0,75x9,2m 230V	69,3	a
83901936	DTCE 150T 9,9m ² 0,75x13,2m 230V	99,3	a
83901939	DTCE 150T 11,9m ² 0,75x15,8m 230V	118,8	a
83901942	DTCE 175T 1,1m ² 0,75x1,5m 230V	15,3	e
83901945	DTCE 175T 1,6m ² 0,75x2,1m 230V	21,3	c
83901948	DTCE 175T 3m ² 0,75x4m 230V	40,8	b
83901949	DTCE 175T 3,8m ² 0,75x5,1m 230V	51,3	a
83901951	DTCE 175T 5,1m ² 0,75x6,75m 230V	67,8	a
83901954	DTCE 175T 7,1m ² 0,75x9,45m 230V	94,8	a
83901957	DTCE 175T 8,8m ² 0,75x11,7m 230V	117,3	a

83901960	DTCE 175T 12,5m ² 0,75x16,6m 230V	166,8	a
83901963	DTCE 175T 15,6m ² 0,75x20,8m 230V	208,8	a
83902020	DEVIsnow 300T 1,7m ² 0,5x3,4m 400V 10m	17,3	e
83902023	DEVIsnow 300T 3,5m ² 0,5x7m 400V 10m	35,3	b
83902026	DEVIsnow 300T 5,9m ² 0,5x11,8m 400V 10m	59,3	a
83902029	DEVIsnow 300T 7,9m ² 0,5x15,8m 400V 10m	79,3	a
83902030	DEVIsnow 300T 1m ² 0,5x2m 230V	10,44	e
83902031	DEVIsnow 300T 2m ² 0,5x4m 230V	20,58	b
83902032	DEVIsnow 300T 4m ² 0,5x8m 230V	40,86	a
83902033	DEVIsnow 300T 4,9m ² 0,5x9,8m 230V	49,99	a
83902034	DEVIsnow 300T 6,1m ² 0,5x12,2m 230V	62,15	a
83902035	DEVIsnow 300T 7m ² 0,5x14m 230V	71,28	a
83902036	DEVIsnow 300T 8m ² 0,5x16m 230V	81,42	a
83902037	DEVIsnow 300T 11m ² 0,5x22m 230V	111,84	a
83902038	DEVIsnow 300T 12m ² 0,5x24m 230V	121,98	a
83902039	DEVIsnow 300T 1,35m ² 0,75x1,8m 230V	13,8	c
83902040	DEVIsnow 300T 1,95m ² 0,75x2,6m 230V	19,8	b
83902041	DEVIsnow 300T 4,05m ² 0,75x5,4m 230V	40,8	a
83902042	DEVIsnow 300T 4,95m ² 0,75x6,6m 230V	49,8	a
83902043	DEVIsnow 300T 6,9m ² 0,75x9,2m 230V	69,3	a
83902044	DEVIsnow 300T 7,95m ² 0,75x10,6m 230V	79,8	a
83902045	DEVIsnow 300T 10,95m ² 0,75x14,6m 230V	109,8	a
83902046	DEVIsnow 300T 12m ² 0,75x16m 230V	120,3	a
83902047	DEVIsnow 300T 3m ² 1x3m 230V	29,91	b
83902048	DEVIsnow 300T 6,2m ² 1x6,2m 230V	61,49	a
83902049	DEVIsnow 300T 12m ² 1x12m 230V	118,74	a
83902050	DEVIsnow 300T 2,4m ² 0,75x3,2m 400V 10m	24,3	c
83902053	DEVIsnow 300T 3,6m ² 0,75x4,8m 400V 10m	36,3	b
83902056	DEVIsnow 300T 6m ² 0,75x8m 400V 10m	60,3	a
83902059	DEVIsnow 300T 8,25m ² 0,75x11m 400V 10m	82,8	a
83902062	DEVIsnow 300T 9,75m ² 0,75x13m 400V 10m	97,8	a
83902065	DEVIsnow 300T 12m ² 0,75x16m 400V 10m	120,3	a
83902068	DEVIsnow 300T 14,55m ² 0,75x19,4m 400V10m	145,8	a
83902071	DEVIsnow 300T 19m ² 0,75x25,4m 400V 10m	190,8	a
83902073	DEVIsnow 300T 21m ² 0,75x28,2m 400V 10m	211,8	a
83902080	DEVIsnow 300T 6m ² 1x6m 400V 10m	60,3	a
83902083	DEVIsnow 300T 12m ² 1x12m 400V 10m	120,3	a
83902086	DEVIsnow 300T 14,8m ² 1x14,8m 400V 10m	148,3	a
83902089	DEVIsnow 300T 19m ² 1x19m 400V 10m	190,3	a
83902099	DTCE-40 17.5M 721W 230V Only for P&P	17,5	b
83902100	DEVIsnow 20T 12m 230V 250W	12	e
83902101	DEVIsnow 20T 25m 230V 505W	25	b

83902102	DEVIsnow 20T 40m 230V 855W	40,7	a
83902103	DEVIsnow 20T 50m 230V 1000W	50	a
83902104	DEVIsnow 20T 60m 230V 1200W	60	a
83902105	DEVIsnow 20T 70m 230V 1333W	70	a
83902106	DEVIsnow 20T 85m 230V 1695W	85	a
83902107	DEVIsnow 20T 100m 230V 2060W	100	a
83902108	DEVIsnow 20T 135m 230V 2685W	135	a
83902109	DEVIsnow 20T 150m 230V 3066WD	150	a
83902110	DEVIsnow 20T 170m 230V 3382W	170	a
83902111	DEVIsnow 20T 195m 230V 3875W	195	a
83902112	DEVIsnow 20T 21m 400V 433W	21	e
83902113	DEVIsnow 20T 30m 400V 570W	30	c
83902114	DEVIsnow 20T 43m 400V 888W	43	b
83902115	DEVIsnow 20T 58m 400V 1165W	58	b
83902116	DEVIsnow 20T 72m 400V 1463W	72	a
83902117	DEVIsnow 20T 85m 400V 1780W	85	a
83902118	DEVIsnow 20T 105m 400V 2073W	105	a
83902119	DEVIsnow 20T 135m 400V 2628W	135	a
83902120	DEVIsnow 20T 150m 400V 2905W	150	a
83902121	DEVIsnow 20T 170m 400V 3245W	170	a
83902122	DEVIsnow 20T 205m 400V 4108W	205	a
83902123	DTCE-25 1,8M 46W 400V, Only for Prang &	1,8	e
83902124	DTCE-25 12,8M 380W 400V, Only for Prang	12,8	d
83902125	DTCE-25 13,8M 345W 400V Only for P&P	13,8	d
83902126	DTCE-25 16,4M 452W 400V, Only for Prang	16,4	e
83902127	DTCE-25 17,2M 430W 400V, Only for Prang	17,2	e
83902128	DTCE-25 18,8M 484W 400V, Only for Prang	18,8	e
83902129	DTCE-25 20,6M 567W 400V, Only for Prang	20,6	c
83902130	DTCE-25 21,6M 540W 400V, Only for Prang	21,6	c
83902131	DTCE-25 22,6M 517W 400V, Only for Prang	22,6	c
83902132	DTCE-25 24,2M 640W 400V, Only for Prang	24,2	b
83902133	DTCE-25 4,4M 110W 400V, Only for Prang &	4,4	e
83902134	DTCE-25 6,0M 171W 400V, Only for Prang &	6	b
83902135	DTCE-25 6,4M 160W 400V, Only for Prang &	6,4	b
83902136	DTCE-25 7,4M 185W 400V, Only for Prang &	7,4	b
84805400	DEVIsnow 9,356 Ohm/m	1	c
84805403	DEVIsnow 4,192 Ohm/m	1	b
84805406	DEVIsnow 2,368 Ohm/m	1	b
84805409	DEVIsnow 1,519 Ohm/m	1	a
84805412	DEVIsnow 1,057 Ohm/m	1	a
84805415	DEVIsnow 0,735 Ohm/m	1	a
84805418	DEVIsnow 0,567 Ohm/m	1	a

84805421	DEVIsnow 0,451 Ohm/m	1	a
84805424	DEVIsnow 0,367 Ohm/m	1	a
84805427	DEVIsnow 0,257 Ohm/m	1	a
84805430	DEVIsnow 0,19 Ohm/m	1	a
84805433	DEVIsnow 0,146 Ohm/m	1	a
84805436	DEVIsnow 0,115 Ohm/m	1	a
84805439	DEVIsnow 0,092 Ohm/m	1	a
84805442	DEVIsnow 0,07 Ohm/m	1	a
84805445	DEVIsnow 0,055 Ohm/m	1	a
84805448	DEVIsnow 17,6 Ohm/m	1	e
89845995	DEVIsnow 30T 5m 230V 150W c/l=2,3m	5	b
89845995	DEVIsnow 30T 5m 230V 150W c/l=2,3m	5	b
89845996	DEVIsnow 30T 8,5m 400V 267W c/l=10m	8,5	b
89846000	DEVIsnow 30T 10m 230V 300W c/l=2,3m	10	e
89846002	DEVIsnow 30T 14m 230V 400W c/l=2,3m	14	c
89846004	DEVIsnow 30T 20m 230V 630W c/l=2,3m	20	b
89846006	DEVIsnow 30T 27m 230V 830W c/l=2,3m	27	b
89846008	DEVIsnow 30T 34m 230V 1020W c/l=2,3m	34	a
89846010	DEVIsnow 30T 40m 230V 1250W c/l=2,3m	40	a
89846012	DEVIsnow 30T 45m 230V 1350W c/l=2,3m	45	a
89846014	DEVIsnow 30T 50m 230V 1440W c/l=2,3m	50	a
89846016	DEVIsnow 30T 55m 230V 1700W c/l=2,3m	55	a
89846018	DEVIsnow 30T 63m 230V 1860W c/l=2,3m	63	a
89846020	DEVIsnow 30T 70m 230V 2060W c/l=2,3m	70	a
89846022	DEVIsnow 30T 78m 230V 2340W c/l=2,3m	78	a
89846024	DEVIsnow 30T 85m 230V 2420W c/l=2,3m	85	a
89846026	DEVIsnow 30T 95m 230V 2930W c/l=2,3m	95	a
89846028	DEVIsnow 30T 110m 230V 3290W c/l=2,3m	110	a
89846030	DEVIsnow 30T 125m 230V 3680W c/l=2,3m	125	a
89846030	DEVIsnow 30T 125m 230V 3680W c/l=2,3m	125	a
89846032	DEVIsnow 30T 140m 230V 4110W c/l=2,3m	140	a
89846050	DEVIsnow 30T 17,5m 400V 520W c/l=10m	17,5	e
89846053	DEVIsnow 30T 35m 400V 1090W c/l=10m	35	b
89846056	DEVIsnow 30T 70m 400V 2160W c/l=10m	70	a
89846060	DEVIsnow 30T 110m 400V 3225W c/l=10m	110	a
89846062	DEVIsnow 30T 145m 400V 4295W c/l=10m	145	a
89846063	DEVIsnow 30T 170m 400V 4955W c/l=10m	170	a
89846065	DEVIsnow 30T 190m 400V 5770W c/l=10m	190	a
89846067	DEVIsnow 30T 215m 400V 6470W c/l=10m	215	a
088L0092	NAM Special Order Mat	197,6	a
088L0093	NAM Special Order Cable	1	a
088L0130	ECsnow 30T 17,5m 400V 520W	17,5	e

088L0131	ECsnow 30T 35m 400V 1090W	35	b
088L0132	ECsnow 30T 70m 400V 2160W	70	a
088L0133	ECsnow 30T 110m 400V 3225W	110	a
088L0134	ECsnow 30T 145m 400V 4295W	145	a
088L0135	ECsnow 30T 170m 400V 4955W	170	a
088L0136	ECsnow 30T 190m 400V 5770W	190	a
088L0137	ECsnow 30T 215m 400V 6470W	215	a
088L0230	ECsnow 30T 5m 230V 150W	5	b
088L0231	ECsnow 30T 8,5m 400V 267W	8,5	b
088L0232	ECsnow 30T 10m 230V 300W	10	e
088L0233	ECsnow 30T 14m 230V 400W	14	c
088L0234	ECsnow 30T 20m 230V 630W	20	b
088L0235	ECsnow 30T 27m 230V 830W	27	b
088L0236	ECsnow 30T 34m 230V 1020W	34	a
088L0237	ECsnow 30T 40m 230V 1250W	40	a
088L0238	ECsnow 30T 45m 230V 1350W	45	a
088L0239	ECsnow 30T 50m 230V 1440W	50	a
088L0240	ECsnow 30T 55m 230V 1700W	55	a
088L0241	ECsnow 30T 63m 230V 1860W	63	a
088L0242	ECsnow 30T 70m 230V 2060W	70	a
088L0243	ECsnow 30T 78m 230V 2340W	78	a
088L0244	ECsnow 30T 85m 230V 2420W	85	a
088L0245	ECsnow 30T 95m 230V 2930W	95	a
088L0246	ECsnow 30T 110m 230V 3290W	110	a
088L0247	ECsnow 30T 125m 230V 3680W	125	a
088L0248	ECsnow 30T 140m 230V 4110W	140	a
088L0470	ECsnow 20T 12m 230V 250W	12	e
088L0471	ECsnow 20T 25m 230V 505W	25	b
088L0472	ECsnow 20T 40m 230V 855W	40,7	a
088L0473	ECsnow 20T 50m 230V 1000W	50	a
088L0474	ECsnow 20T 60m 230V 1200W	60	a
088L0475	ECsnow 20T 70m 230V 1333W	70	a
088L0476	ECsnow 20T 85m 230V 1695W	85	a
088L0477	ECsnow 20T 100m 230V 2060W	100	a
088L0478	ECsnow 20T 135m 230V 2685W	135	a
088L0479	ECsnow 20T 150m 230V 3066W	150	a
088L0480	ECsnow 20T 170m 230V 3382W	170	a
088L0481	ECsnow 20T 195m 230V 3875W	195	a
088L0482	ECsnow 20T 21m 400V 433W	21	e
088L0483	ECsnow 20T 30m 400V 570W	30	c
088L0484	ECsnow 20T 43m 400V 888W	43	b
088L0485	ECsnow 20T 58m 400V 1165W	58	b

088L0486	ECsnow 20T 72m 400V 1463W	72	a
088L0487	ECsnow 20T 85m 400V 1780W	85	a
088L0488	ECsnow 20T 105m 400V 2073W	105	a
088L0489	ECsnow 20T 135m 400V 2628W	135	a
088L0490	ECsnow 20T 150m 400V 2905W	150	a
088L0491	ECsnow 20T 170m 400V 3245W	170	a
088L0492	ECsnow 20T 205m 400V 4108W	205	a
088L3065	GX Cable, 277V, 170 Ft. 2015W	51,8	a
088L3066	GX Cable, 277V, 190 Ft. 2340W	57,9	a
088L3067	GX Cable, 277V, 215 Ft. 2600W	65,5	a
088L3068	GX Cable, 277V, 240 Ft., 2860W	73,1	a
088L3069	GX Cable, 277V, 285 Ft., 3450W	86,8	a
088L3070	GX Cable, 277V, 330 Ft., 4020W	100,5	a
088L3071	GX Cable, 277V, 375 Ft., 4610W	114,2	a
088L3072	GX Cable, 277V, 425 Ft., 5140W	129,4	a
088L3073	GX Cable, 277V, 475 Ft., 5770W	144,6	a
088L3074	GX Cable, 277V, 545 Ft., 6615W	166	a
088L3100	GX Cable 240V, 40 Ft., 500W	12,2	c
088L3101	GX Cable 240V, 60 Ft., 750W	18,3	b
088L3102	GX Cable 240V, 80 Ft., 1000W	24,4	b
088L3103	GX Cable 240V, 100 Ft., 1250W	30,5	a
088L3104	GX Cable 240V, 120 Ft., 1490W	36,5	a
088L3105	GX Cable 240V, 145 Ft., 1775W	44,2	a
088L3106	GX Cable 240V, 165 Ft., 2020W	50,2	a
088L3107	GX Cable 240V, 185 Ft., 2210W	57,9	a
088L3108	GX Cable 240V, 205 Ft., 2510W	62,4	a
088L3109	GX Cable 240V, 245 Ft., 3010W	74,6	a
088L3110	GX Cable 240V, 285 Ft., 3450W	88,3	a
088L3111	GX Cable 240V, 330 Ft., 3950W	100,5	a
088L3112	GX Cable 240V, 370 Ft., 4430W	112,7	a
088L3113	GX Cable 240V, 410 Ft., 4950W	126,4	a
088L3114	GX Cable 240V, 475 Ft., 5700W	144,6	a
088L3115	GX Cable 240V, 535 Ft., 6450W	162,9	a
088L3123	GX Cable 208V, 85 Ft., 1075W	26,5	a
088L3124	GX Cable 208V, 105 Ft., 1280W	32	a
088L3125	GX Cable 208V, 125 Ft., 1550W	38	a
088L3126	GX Cable 208V, 145 Ft., 1732W	44,1	a
088L3127	GX Cable 208V, 160 Ft., 1970W	48,7	a
088L3128	GX Cable 208V, 180 Ft., 2150W	55	a
088L3129	GX Cable 208V, 210 Ft., 2640W	63,9	a
088L3130	GX Cable 208V, 245 Ft., 3050W	74,7	a
088L3132	GX Cable 208V, 320 Ft., 3863W	97,4	a

088L3133	GX Cable 208V, 355 Ft., 4350W	108,1	a
088L3134	GX Cable 208V, 410 Ft., 4950W	124,8	a
088L3135	GX Cable 208V, 460 Ft., 5620W	140,2	a
088L3201	GX Mat 240V, 15 Sq. Ft., 750W	18,6	b
088L3202	GX Mat 240V, 20 Sq. Ft., 1000W	24,7	b
088L3204	GX Mat 240V, 30 Sq. Ft., 1500W	36,8	a
088L3206	GX Mat 240V, 40 Sq. Ft., 2000W	50,2	a
088L3208	GX Mat 240V, 50 Sq. Ft., 2500W	62,4	a
088L3209	GX Mat 240V, 60 Sq. Ft., 3000W	74,6	a
088L3210	GX Mat 240V, 70 Sq. Ft., 3500W	86,8	a
088L3211	GX Mat 240V, 80 Sq. Ft., 4000W	99	a
088L3212	GX Mat 240V, 90 Sq. Ft., 4500W	111,1	a
088L3213	GX Mat 240V, 100 Sq. Ft., 5000W	124,5	a
088L3214	GX Mat 240V, 115 Sq. Ft., 5750W	142,8	a
088L3215	GX Mat 240V, 130 Sq. Ft., 6500W	161,1	a
088L3222	GX Mat 208V, 6.5 Ft. 13 Sq. Ft. 640W	16,1	b
088L3223	GX Mat 208V, 10 Ft. 20 Sq. Ft. 1100W	25,9	a
088L3225	GX Mat 208V, 15 Ft. 30 Sq. Ft.1550W	38,1	a
088L3227	GX Mat 208V, 20 Ft. 40 Sq. Ft. 1900W	50,2	a
088L3229	GX Mat 208V, 25 Ft. 50 Sq. Ft. 2400W	62,4	a
088L3230	GX Mat 208V, 30 Ft. 60 Sq. Ft. 3050W	74,6	a
088L3231	GX Mat 208V, 35 Ft. 70 Sq. Ft. 3400W	86,8	a
088L3232	GX Mat 208V, 40 Ft. 80 Sq. Ft. 3800W	99	a
088L3233	GX Mat 208V, 45 Ft. 90 Sq. Ft. 4230W	111,1	a
088L3234	GX Mat 208V, 50 Ft. 100 Sq. Ft. 5000W	124,5	a
088L3270	GX Mat 480V, 10 Ft. 20Sq. Ft. 1000W	24,7	c
088L3272	GX Mat 480V, 20 Ft. 40Sq. Ft. 1980W	49	b
088L3274	GX Mat 480V, 30 Ft. 60Sq. Ft. 2970W	73,4	a
088L3276	GX Mat 480V, 40 Ft. 80Sq. Ft. 4060W	100,2	a
088L3278	GX Mat 480V, 50 Ft. 100Sq. Ft. 5040W	124,5	a
088L3279	GX Mat 480V, 60 Ft. 120Sq. Ft. 6020W	148,9	a
088L3280	GX Mat 480V, 70 Ft. 140Sq. Ft. 7000W	173,3	a
088L3281	GX Mat 480V, 80 Ft. 160Sq. Ft. 7985W	197,6	a
088L3301	GX Mat 240V, 20 Ft., 40 Sq. Ft., 1480W,	36,84	a
088L3302	GX Mat 240V, 45 Ft., 90 Sq. Ft., 3495W,	86,78	a
088L3303	GX Mat 240V, 60 Ft., 120 Sq. Ft., 4505W,	111,14	a
088L3304	GX Mat 240V, 77.5 Ft., 155 Sq. Ft.,5715W	144,02	a
088L3500	RX Roof and Gutter Kit, 30 Ft., 170W	9,13	c
088L3502	RX Roof and Gutter Kit, 65 Ft. 310W	19,78	b
088L3503	RX Roof and Gutter Kit, 80 Ft., 390W.	24,35	a
088L3504	RX Roof and Gutter Kit, 100 Ft., 450W.	30,44	a
088L3505	RX Roof and Gutter Kit, 120 Ft. 535W.	36,54	a

088L3507	RX Roof & Gutter Kit, 150 Ft. 700W.	45,69	a
088L3508	RX Roof and Gutter Kit, 170 Ft. 760W.	51,75	a
088L3509	RX Roof & Gutter Kit, 200 Ft. 920W	60,89	a
088L3510	RX Roof and Gutter Kit, 230 Ft. 1080W.	70,03	a
088L3511	RX Roof and Gutter Kit, 265 Ft. 1220W	80,69	a
088L3621	GX Cable 600V, 150 Ft., 1855W	46,3	b
088L3623	GX Cable 600V, 300 Ft., 3690W	92,3	a
088L3624	GX Cable 600V, 360 Ft., 4425W	110,7	a
088L3625	GX Cable 600V, 415 Ft., 5040W	126	a
088L3627	GX Cable 600V, 515 Ft., 6265W	156,6	a
088L3629	GX Cable, 600V, 715 Ft., 8705W	217,6	a
088L3640	GX Cable, 480V, 80 Ft. 995W	24,81	c
088L3644	GX Cable, 480V, 200 Ft. 2460W	61,58	a
088L3646	GX Cable, 480V, 330 Ft. 4030W	100,79	a
088L3648	GX Cable, 480V, 490 Ft. 5990W	149,7	a
088L3650	GX Cable, 480V, 735 Ft. 8950W	223,8	a
088L3652	GX Cable, 480V, 820 Ft. 10010W	250,2	a
088L3654	GX Cable, 480V, 940 Ft. 11475W	286,9	a
088L3700	TX FH Cable, 240V, 60 Ft., 344W	17,9	c
088L3701	TX FH Cable, 240V, 90 Ft., 515W	26,8	b
088L3702	TX FH Cable, 240V, 115 Ft., 683W	35,7	b
088L3703	TX FH Cable, 240V, 145 Ft., 852W	44,5	a
088L3704	TX FH Cable, 240V, 175 Ft., 1023W	53,4	a
088L3705	TX FH Cable, 240V, 210 Ft., 1226W	64	a
088L3706	TX FH Cable, 240V, 240 Ft., 1395W	72,9	a
088L3707	TX FH Cable, 240V, 300 Ft., 1735W	90,6	a
088L3708	TX FH Cable, 240V, 355 Ft., 2072W	108,2	a
088L3710	TX FH Cable, 240V, 415 Ft., 2410W	125,9	a
088L3711	TX FH Cable, 240V, 470 Ft., 2756W	143,6	a
088L3712	TX FH Cable, 240V, 530 Ft., 3097W	161,8	a
088L3713	TX FH Cable, 240V, 595 Ft., 3470W	180,9	a
088L3723	TX SH Cable, 240V, 115 Ft., 1083W	35	a
088L3729	TX SH Cable, 240V, 190 Ft., 1762W	57,9	a
088L3733	TX SH Cable, 240V, 240 Ft., 2150W	73,1	a
088L3735	TX SH Cable, 240V, 285 Ft., 2595W	86,8	a
088L3737	TX SH Cable, 240V, 330 Ft., 3031W	100,5	a
088L3739	TX SH Cable, 240V, 375 Ft., 3469W	114,2	a
088L3741	TX SH Cable, 240V, 425 Ft., 3865W	129,4	a
088L3743	TX SH Cable, 240V, 475 Ft., 4364W	144,6	a
088L3745	TX SH Cable, 240V, 545 Ft., 5009W	166	a
088L6315	ECinfracable 100T 1,6m ² 230V 145W	10,9	d
088L6316	ECinfracable 100T 2,5m ² 230V 230W	16,9	c

088L6317	ECinfracable 100T 2,9m ² 230V 285W	19,9	c
088L6318	ECinfracable 100T 4,3m ² 230V 435W	28,9	b
088L6319	ECinfracable 100T 5,9m ² 230V 570W	39,4	b
088L6320	ECinfracable 100T 7,2m ² 230V 720W	48,4	a
088L6321	ECinfracable 100T 8,6m ² 230V 870W	57,4	a
088L6322	ECinfracable 100T 9,5m ² 230V 960W	63,4	a
088L6323	ECinfracable 100T 10,4m ² 230V 1035W	69,4	a
088L6324	ECinfracable 100T 11,7m ² 230V 1190W	78,4	a
088L6325	ECinfracable 100T 13,3m ² 230V 1320W	88,9	a
088L6326	ECinfracable 100T 14,6m ² 230V 1470W	97,9	a
088L6327	ECinfracable 100T 16,4m ² 230V 1660W	109,9	a
088L6328	ECinfracable 100T 17,6m ² 230V 1755W	117,4	a
088L6329	ECinfracable 100T 20,5m ² 230V 2035W	136,9	a
088L6330	ECinfracable 100T 23,2m ² 230V 2340W	154,9	a
088L6331	ECinfracable 100T 26,3m ² 230V 2615W	175,9	a
088L6332	ECinfracable 100T 29,3m ² 230V 2940W	195,4	a
088L6335	ECinfracable 75T 0,9m ² 230V 70W	6,4	b
088L6336	ECinfracable 75T 1,8m ² 230V 125W	12,4	d
088L6337	ECinfracable 75T 2,5m ² 230V 180W	16,9	e
088L6338	ECinfracable 75T 3,2m ² 230V 225W	21,4	c
088L6339	ECinfracable 75T 5,0m ² 230V 380W	33,4	b
088L6340	ECinfracable 75T 6,8m ² 230V 490W	45,4	b
088L6341	ECinfracable 75T 8,3m ² 230V 620W	55,9	a
088L6342	ECinfracable 75T 9,9m ² 230V 750W	66,4	a
088L6343	ECinfracable 75T 11,0m ² 230V 820W	73,9	a
088L6344	ECinfracable 75T 13,7m ² 230V 1015W	91,9	a
088L6345	ECinfracable 75T 15,3m ² 230V 1145W	102,4	a
088L6346	ECinfracable 75T 16,9m ² 230V 1275W	112,9	a
088L6347	ECinfracable 75T 19,1m ² 230V 1425W	127,9	a
088L6348	ECinfracable 75T 20,3m ² 230V 1520W	135,4	a
088L6349	ECinfracable 75T 23,6m ² 230V 1765W	157,9	a
088L6350	ECinfracable 75T 27,0m ² 230V 2010W	180,4	a
088L6351	ECinfracable 75T 30,4m ² 230V 2265W	202,9	a
088L6495	ECsnow 300T 1 m ² 0,5x2m 230V	10,44	e
088L6496	ECsnow 300T 2 m ² 0,5x4m 230V	20,58	b
088L6497	ECsnow 300T 4 m ² 0,5x8m 230V	40,86	a
088L6498	ECsnow 300T 4,9 m ² 0,5x9,8m 230V	49,99	a
088L6499	ECsnow 300T 6,1 m ² 0,5x12,2m 230V	62,15	a
088L6500	ECsnow 300T 7 m ² 0,5x14m 230V	71,28	a
088L6501	ECsnow 300T 8 m ² 0,5x16m 230V	81,42	a
088L6502	ECsnow 300T 11 m ² 0,5x22m 230V	111,84	a
088L6503	ECsnow 300T 12 m ² 0,5x24m 230V	121,98	a

088L6504	ECsnow 300T 1,4 m ² 0,75x1,8m 230V	13,8	c
088L6505	ECsnow 300T 2 m ² 0,75x2,6m 230V	19,8	b
088L6506	ECsnow 300T 4,1 m ² 0,75x5,4m 230V	40,8	a
088L6507	ECsnow 300T 5 m ² 0,75x6,6m 230V	49,8	a
088L6508	ECsnow 300T 6,9 m ² 0,75x9,2m 230V	69,3	a
088L6509	ECsnow 300T 8 m ² 0,75x10,6m 230V	79,8	a
088L6510	ECsnow 300T 11 m ² 0,75x14,6m 230V	109,8	a
088L6511	ECsnow 300T 12 m ² 0,75x16m 230V	120,3	a
088L6512	ECsnow 300T 3 m ² 1x3m 230V	29,91	b
088L6513	ECsnow 300T 6,2 m ² 1x6,2m 230V	61,49	a
088L6514	ECsnow 300T 12 m ² 1x12m 230V	118,74	a
088L6517	ECsnow 300T 1,7 m ² 0,5x3,4m 400V	17,3	e
088L6518	ECsnow 300T 3,5 m ² 0,5x7m 400V	35,3	b
088L6519	ECsnow 300T 5,9 m ² 0,5x11,8m 400V	59,3	a
088L6520	ECsnow 300T 7,9 m ² 0,5x15,8m 400V	79,3	a
088L6521	ECsnow 300T 2,4 m ² 0,75x3,2m 400V	24,3	c
088L6522	ECsnow 300T 3,6 m ² 0,75x4,8m 400V	36,3	b
088L6523	ECsnow 300T 6 m ² 0,75x8m 400V	60,3	a
088L6524	ECsnow 300T 8,3 m ² 0,75x11m 400V	82,8	a
088L6525	ECsnow 300T 9,8 m ² 0,75x13m 400V	97,8	a
088L6526	ECsnow 300T 12 m ² 0,75x16m 400V	120,3	a
088L6527	ECsnow 300T 14,6 m ² 0,75x19,4m 400V	145,8	a
088L6528	ECsnow 300T 19,1 m ² 0,75x25,4m 400V	190,8	a
088L6529	ECsnow 300T 21,2 m ² 0,75x28,2m 400V	211,8	a
088L6530	ECsnow 300T 6 m ² 1x6m 400V	60,3	a
088L6531	ECsnow 300T 12 m ² 1x12m 400V	120,3	a
088L6532	ECsnow 300T 14,8 m ² 1x14,8m 400V	148,3	a
088L6533	ECsnow 300T 19 m ² 1x19m 400V	190,3	a
140F0618	DEVIsnow 300T 1,7m ² 0,5x3,4m 400V 30m	17,3	e
140F0619	DEVIsnow 300T 3,5m ² 0,5x7m 400V 30m	35,3	b
140F0620	DEVIsnow 300T 5,9m ² 0,5x11,8m 400V 30m	59,3	a
140F0621	DEVIsnow 300T 7,9m ² 0,5x15,8m 400V 30m	79,3	a
140F0622	DEVIsnow 300T 2,4m ² 0,75x3,2m 400V 30m	24,3	c
140F0623	DEVIsnow 300T 3,6m ² 0,75x4,8m 400V 30m	36,3	b
140F0624	DEVIsnow 300T 6m ² 0,75x8m 400V 30m	60,3	a
140F0625	DEVIsnow 300T 8,25m ² 0,75x11m 400V 30m	82,8	a
140F0626	DEVIsnow 300T 9,75m ² 0,75x13m 400V 30m	97,8	a
140F0627	DEVIsnow 300T 12m ² 0,75x16m 400V 30m	120,3	a
140F0628	DEVIsnow 300T 14,55m ² 0,75x19,4m 400V 30m	145,8	a
140F0629	DEVIsnow 300T 19m ² 0,75x25,4m 400V 30m	190,8	a
140F0630	DEVIsnow 300T 21m ² 0,75x28,2m 400V 30m	211,8	a
140F0631	DEVIsnow 300T 6m ² 1x6m 400V 30m	60,3	a

140F0632	DEVIsnow 300T 12m ² 1x12m 400V 30m	120,3	a
140F0633	DEVIsnow 300T 14,8m ² 1x14,8m 400V 30m	148,3	a
140F0634	DEVIsnow 300T 19m ² 1x19m 400V 30m	190,3	a
140F0635	DEVIsnow 30T 10m 230V 300W c/l=30m	10	e
140F0636	DEVIsnow 30T 14m 230V 400W c/l=30m	14	c
140F0637	DEVIsnow 30T 20m 230V 625W c/l=30m	20	b
140F0638	DEVIsnow 30T 27m 230V 820W c/l=30m	27	b
140F0639	DEVIsnow 30T 34m 230V 1010W c/l=30m	34	a
140F0640	DEVIsnow 30T 40m 230V 1225W c/l=30m	40	a
140F0641	DEVIsnow 30T 45m 230V 1325W c/l=30m	45	a
140F0642	DEVIsnow 30T 50m 230V 1415W c/l=30m	50	a
140F0643	DEVIsnow 30T 55m 230V 1660W c/l=30m	55	a
140F0644	DEVIsnow 30T 63m 230V 1815W c/l=30m	63	a
140F0645	DEVIsnow 30T 70m 230V 2005W c/l=30m	70	a
140F0646	DEVIsnow 30T 78m 230V 2270W c/l=30m	78	a
140F0647	DEVIsnow 30T 85m 230V 2345W c/l=30m	85	a
140F0648	DEVIsnow 30T 95m 230V 2820W c/l=30m	95	a
140F0649	DEVIsnow 30T 110m 230V 3210W c/l=30m	110	a
140F0650	DEVIsnow 30T 125m 230V 3575W c/l=30m	125	a
140F0651	DEVIsnow 30T 140m 230V 3975W c/l=30m	140	a
140F0652	DEVIsnow 30T 17,5m 400V 520W c/l=30m	17,5	e
140F0653	DEVIsnow 30T 35m 400V 1085W c/l=30m	35	b
140F0654	DEVIsnow 30T 70m 400V 2135W c/l=30m	70	a
140F0655	DEVIsnow 30T 110m 400V 3180W c/l=30m	110	a
140F0656	DEVIsnow 30T 145m 400V 4215W c/l=30m	145	a
140F0657	DEVIsnow 30T 170m 400V 4890W c/l=30m	170	a
140F0658	DEVIsnow 30T 190m 400V 5680W c/l=30m	190	a
140F0659	DEVIsnow 30T 215m 400V 6365W c/l=30m	215	a
140F1116	DEVIsnow 20T 6m 230V 125W	6	b
140F1117	DEVIsnow 20T 17m 230V 332W	17	c
140F1118	DEVIsnow 20T 33m 230V 677W	33	b
140F1119	DEVIsnow 20T 115m 230V 2421W	115	a
140F9986	DEVIsnow Mat Special Order	118,8	a
140F9992	DEVIsnow Cable Special Order	1	a
140G0310	DTCE-25 240W 400V 9.5m Only for P&P	9,5	b
140G0311	DTCE-25 6.4M 160W 400V 2.5m CLL P&P	6,4	b
140G0312	DTCE-40 17.5M 670W 400V 1m CLL P&P	17,5	c
140G0315	DTCE-25 136W 230V 5,5m	5,5	b

Table 15: Asphalt sales codes, covered by this EPD (GX,RX, & TX are same cables as DEVI and EC just different brandnames)

Devi ASPHALT			
Sales code	Product description	Length [m]	Combination
83900162	DEVIasphalt 300T 1,7m ² 0,5x3,4m 400V 10m	17,3	e
83900163	DEVIasphalt 300T 3,5m ² 0,5x7m 400V 10m	35,3	c
83900164	DEVIasphalt 300T 5,9m ² 0,5x11,8m 400V10m	59,3	a
83900165	DEVIasphalt 300T 7,9m ² 0,5x15,8m 400V10m	79,3	a
83900166	DEVIasphalt 300T 2,4m ² 0,75x3,2m 400V10m	24,3	c
83900167	DEVIasphalt 300T 3,6m ² 0,75x4,8m 400V10m	36,3	c
83900168	DEVIasphalt 300T 6m ² 0,75x8m 400V 10m	60,3	a
83900169	DEVIasphalt 300T 8,25m ² 0,75x11m 400V10m	82,8	a
83900170	DEVIasphalt 300T 9,75m ² 0,75x13m 400V10m	97,8	a
83900171	DEVIasphalt 300T 12m ² 0,75x16m 400V 10m	120,3	a
83900172	DEVIasphalt 300T 14,6m ² 0,75x19,4m400V10	145,8	a
83900173	DEVIasphalt 300T 19,1m ² 0,75x25,4m400V10	190,8	a
83900174	DEVIasphalt 300T 21,2m ² 0,75x28,2m400V10	211,8	a
83900175	DEVIasphalt 300T 6m ² 1x6m 400V 10m	60,3	a
83900176	DEVIasphalt 300T 12m ² 1x12m 400V 10m	120,3	a
83900177	DEVIasphalt 300T 14,8m ² 1x14,8m 400V 10m	148,3	a
83900178	DEVIasphalt 300T 19m ² 1x19m 400V 10m	190,3	a
83900200	DEVIasphalt 30T 8,5m 400V 267W	8,5	d
83900201	DEVIasphalt 30T 17,5m 400V 520W	17,5	e
83900202	DEVIasphalt 30T 35m 400V 1090W	35	c
83900203	DEVIasphalt 30T 70m 400V 2160W	70	a
83900204	DEVIasphalt 30T 110m 400V 3225W	110	a
83900205	DEVIasphalt 30T 145m 400V 4295W	145	a
83900206	DEVIasphalt 30T 170m 400V 4955W	170	a
83900207	DEVIasphalt 30T 190m 400V 5770W	190	a
83900208	DEVIasphalt 30T 215m 400V 6470W	215	a
088L6536	ECasphalt 30T 8,5m 400V 267W	8,5	d
088L6537	ECasphalt 30T 17,5m 400V 520W	17,5	e
088L6538	ECasphalt 30T 35m 400V 1090W	35	c
088L6539	ECasphalt 30T 70m 400V 2155W	70	a
088L6540	ECasphalt 30T 110m 400V 3225W	110	a
088L6541	ECasphalt 30T 145m 400V 4295W	145	a

088L6542	ECasphalt 30T 170m 400V 4955W	170	a
088L6543	ECasphalt 30T 190m 400V 5770W	190	a
088L6544	ECasphalt 30T 215m 400V 6470W	215	a
088L6547	ECasphalt 300T 1 m ² 0,5x2m 230V	10,3	e
088L6548	ECasphalt 300T 2 m ² 0,5x4m 230V	20,3	c
088L6549	ECasphalt 300T 4,1 m ² 0,5x8,2m 230V	41,3	a
088L6550	ECasphalt 300T 4,9 m ² 0,5x9,8m 230V	49,3	a
088L6551	ECasphalt 300T 6,2 m ² 0,5x12,4m 230V	62,3	a
088L6552	ECasphalt 300T 6,9 m ² 0,5x13,8m 230V	69,3	a
088L6553	ECasphalt 300T 8,3 m ² 0,5x16,6m 230V	83,3	a
088L6554	ECasphalt 300T 11 m ² 0,5x22m 230V	110,3	a
088L6555	ECasphalt 300T 12,4 m ² 0,5x24,8m 230V	124,3	a
088L6558	ECasphalt 300T 1,7 m ² 0,5x3,4m 400V	17,3	e
088L6559	ECasphalt 300T 3,5 m ² 0,5x7m 400V	35,3	c
088L6560	ECasphalt 300T 5,9 m ² 0,5x7m 400V	59,3	a
088L6561	ECasphalt 300T 7,9 m ² 0,5x11,8m 400V	79,3	a
088L6562	ECasphalt 300T 2,4 m ² 0,5x15,8m 400V	24,3	c
088L6563	ECasphalt 300T 3,6 m ² 0,75x3,2m 400V	36,3	c
088L6564	ECasphalt 300T 6 m ² 0,75x4,8m 400V	60,3	a
088L6565	ECasphalt 300T 8,3 m ² 0,75x8m 400V	82,8	a
088L6566	ECasphalt 300T 9,8 m ² 0,75x11m 400V	97,8	a
088L6567	ECasphalt 300T 12 m ² 0,75x16m 400V	120,3	a
088L6568	ECasphalt 300T 14,6 m ² 0,75x16m 400V	145,8	a
088L6569	ECasphalt 300T 19,1 m ² 0,75x19,4m 400V	190,8	a
088L6570	ECasphalt 300T 21,2 m ² 0,75x25,4m 400V	211,8	a
088L6571	ECasphalt 300T 6 m ² 1x6m 400V	60,3	a
088L6572	ECasphalt 300T 12 m ² 1x12m 400V	120,3	a
088L6573	ECasphalt 300T 14,8 m ² 1x14,8m 400V	148,3	a
088L6574	ECasphalt 300T 19 m ² 1x19m 400V	190,3	a
140F0601	DEViasphalt 300T 1,7m ² 0,5x3,4m 400V 30m	17,3	e
140F0602	DEViasphalt 300T 3,5m ² 0,5x7mS 400V 30m	35,3	c
140F0603	DEViasphalt 300T 5,9m ² 0,5x11,8m 400V30m	59,3	a
140F0604	DEViasphalt 300T 7,9m ² 0,5x15,8m400V30m	79,3	a
140F0605	DEViasphalt 300T 2,4m ² 0,75x3,2m400V 30m	24,3	c
140F0606	DEViasphalt 300T 3,6m ² 0,75x4,8m400V30m	36,3	c
140F0607	DEViasphalt 300T 6m ² 0,75x8,0m 400V 30m	60,3	a
140F0608	DEViasphalt 300T 8,25m ² 0,75x11m 400V30m	82,8	a
140F0609	DEViasphalt 300T 9,75m ² 0,75x13m 400V30m	97,8	a
140F0610	DEViasphalt 300T 12m ² 0,75x16m 400V 30m	120,3	a
140F0611	DEViasphalt 300T 14,6m ² 0,75x19,4m400V30	145,8	a
140F0612	DEViasphalt 300T 19,1m ² 0,75x25,4m400V30	190,8	a
140F0613	DEViasphalt 300T 21,2m ² 0,75x28,2m400V30	211,8	a

140F0614	DEVIasphalt 300T 6m ² 1x6m 400V 30m	60,3	a
140F0615	DEVIasphalt 300T 12m ² 1x12m 400V 30m	120,3	a
140F0616	DEVIasphalt 300T 14,8m ² 1x14,8m 400V 30m	148,3	a
140F0617	DEVIasphalt 300T 19m ² 1x19m 400V 30m	190,3	a
140F0660	DEVIasphalt 300T 1m ² 0,5x2m 230V	10,3	e
140F0661	DEVIasphalt 300T 2m ² 0,5x4m 230V	20,3	c
140F0662	DEVIasphalt 300T 4,1m ² 0,5x8,2m 230V	41,3	a
140F0663	DEVIasphalt 300T 4,9m ² 0,5x9,8m 230V	49,3	a
140F0664	DEVIasphalt 300T 6,2m ² 0,5x12,4m 230V	62,3	a
140F0665	DEVIasphalt 300T 6,9m ² 0,5x13,8m 230V	69,3	a
140F0666	DEVIasphalt 300T 8,3m ² 0,5x16,6m 230V	83,3	a
140F0667	DEVIasphalt 300T 11m ² 0,5x22m 230V	110,3	a
140F0668	DEVIasphalt 300T 12,4m ² 0,5x24,8m 230V	124,3	a
140F9977	Drumgoods Special Order	1	c
140F9985	DEVIasphalt Mat Special Order	190,8	a
140F9991	DEVIasphalt Cable Special Order	1	a

References

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ANNEX 1

ANNEX 1: Self declaration from EPD owner

Specific requirements

1 Applied electricity data set used in the manufacturing phase

The electricity mix for the electricity used in manufacturing (A3) is the electricity from Windpower based on PPAs. Dataset is from LCA for Experts, My professional database 2024.2, the tile of the process is EU-27 Electricity from Windpower GWPT= 0,0129 kgCO₂eq/kWh (EN 15804 + A2 based on EF 3.1.)

2 Transport from the place of manufacture to a central warehouse

Transport distance, and CO₂-eqv./DU from transport of the product from factory gate to central warehouse in Oslo shall be given. The following table shall be included in the EPD:

Type	Capacity utilisation (incl. return) %	Type of vehicle	Distance km	Fuel/Energy use	Unit	Value (l/t)	Kg CO ₂ -eqv./DU
Boat	70	LCA for Experts data name: Container ship (heavy-fuel-oil-driven; 5 000 to 200 000 dead weight tonnes):	163	Heavy fuel oil			
Truck	53	LCA for Experts data name: Truck (diesel-driven; Euro 0-6 mix; 14-20 tonne gross vehicle	1162	Diesel	l/tkm	<xxxx>	

THE INTERNATIONAL EPD SYSTEM		The Norwegian EPD Foundation					
		weight; 11,4 tonne payload capacity):					
Railway							
Rail							
Air							
Total							

3 Impact on the indoor environment

- Indoor air emission testing has been performed; specify test method and reference; M1, _____
- No test has being performed
- Not relevant; specify _____