

Environmental Product Declaration



THE INTERNATIONAL EPD® SYSTEM



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

Spirit shower enclosures

from

Macro Design AB

Macro Design

Programme:

The International EPD® System, www.environdec.com

Programme operator:

EPD International AB

EPD registration number:

EPD-IES-0005144

Publication date:

2024-12-18

Valid until:

2029-12-17

EPD of multiple products, based on a representative product. The included products are described in production information.

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



General information

Programme information

Programme:	The International EPD [®] System
Address:	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
Website:	www.environdec.com
E-mail:	info@environdec.com

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): <i>Construction Products PCR 2019:14 version 1.3.4</i>
PCR review was conducted by: <i>The Technical Committee of the International EPD[®] System</i>
Life Cycle Assessment (LCA)
LCA accountability: <i>Fanni Végvári, CarbonZero AB</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 individual verifier Third-party verifier: Vladimír Kočí, LCA Studio s.r.o Approved by: The 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

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

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.

Company information

Owner of the EPD:

Macro Design AB

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Description of the organisation:

Macro Design is a Swedish bathroom supplier with 40 years of experience in the bathroom industry and has established a strong and esteemed brand for the mid- and premium segments. We offer one of the widest ranges of shower solutions in the Nordic region, providing a comprehensive selection of showers, bathroom furniture, washbasins, taps, lighting, toilets, and bathtubs.

Innovation, attractive design, and functionality are the cornerstones of Macro Designs product development. Our ambition is to always stay one step ahead and create products with that extra touch, without losing focus on user-friendliness and quality. We prefer to work with classical materials in the manufacture of our products, such as tempered glass, moisture-resistant wood, and solid oak and ash.

Our commitment lies in delivering timeless and sustainable designs of elegant bathroom furniture. Developed by Macro Design to withstand daily wear and maintain its high quality for many years to come.

Product-related or management system-related certifications: The products are CE-marked, and the installations are according to Säker vatten.

Name and location of production site: Laholm, Sweden

Product information

Product name: Spirit shower enclosures

Product description: The Spirit shower enclosure combines a simple, modern design with great functionality. The seamless glass wall, with no visible hinges, gives the shower a clean and stylish look, creating a calm atmosphere in the bathroom. The Spirit shower enclosure is made of 6 mm tempered glass and has a height of 197 cm. The large glass surfaces allow plenty of light to enter, making the space feel larger both inside and outside the shower. The shower is easy to install and offers flexible installation with multiple customization options. It features reversible doors and walls, providing even more choices. CE-marked product.

Description of production process: The shower enclosure's components are manufactured in China, Spain, Germany, Denmark and Sweden and delivered to the manufacturing site in Laholm, Sweden. The manufacturing process mainly involves assembling the components into a final product, which requires electricity. The final product is packed into the desired packaging before being delivered to the customer.

UN CPC code: 37112 Unworked cast, rolled, drawn or blown glass, in sheets

Geographical scope: Sweden

Products included:

This EPD covers the entire Spirit series of shower enclosures. Due to the large variety of shower enclosures and the high difference in sales volume between them, a representative product is declared in the EPD. The representative product is the one with the highest sales volume. The included variants are presented in the table below.

Product name (English)	Product name (Swedish)	Link to website
Spirit Shower Enclosure Fixed	Spirit Dusch Skärmvägg Fast	Macro Design - Spirit Dusch Skärmvägg Fast
Spirit Shower Corner J	Spirit Duschhörna J	Macro Design - Spirit Duschhörna J
Spirit Niche Shower	Spirit Nischdusch	Macro Design - Spirit Nischdusch
Spirit Shower Corner Straight	Spirit Duschhörna Rak	Macro Design - Spirit Duschhörna Rak
Spirit Shower Enclosure Straight	Spirit Duscdörr Rak	Macro Design - Spirit Duscdörr Rak
Spirit Shower Corner Round	Spirit Duschhörna Rund	Macro Design - Spirit Duschhörna Rund
Spirit Shower Enclosure Round	Spirit Duscdörr Rund	Macro Design - Spirit Duscdörr Rund
Spirit Niche Shower Saloon	Spirit Nischdusch Saloon	Macro Design - Spirit Nischdusch Saloon
Spirit Niche Shower Swing	Spirit Nischdusch Swing	Macro Design - Spirit Nischdusch Swing
Spirit Shower Corner Swing	Spirit Duschhörna Swing	Macro Design - Spirit Duschhörna Swing
Spirit Shower Corner U	Spirit Duschhörna U	Macro Design - Spirit Duschhörna U
Spirit Niche Shower Folding	Spirit Nischdusch Vik	Macro Design - Spirit Nischdusch Vik
Spirit Shower Corner Folding Straight	Spirit Duschhörna Vik Rak	Macro Design - Spirit Duschhörna Vik Rak
Spirit Bathtub Wall	Spirit Badkarsvägg	Macro Design - Spirit Badkarsvägg

Spirit Shower Enclosure Round without handle

Spirit Duschkörr Rund utan håll

Macro Design - Spirit Duschkörr Rund utan håll

LCA information

Declared unit: 1 kg of shower enclosure

Reference service life: Not applicable

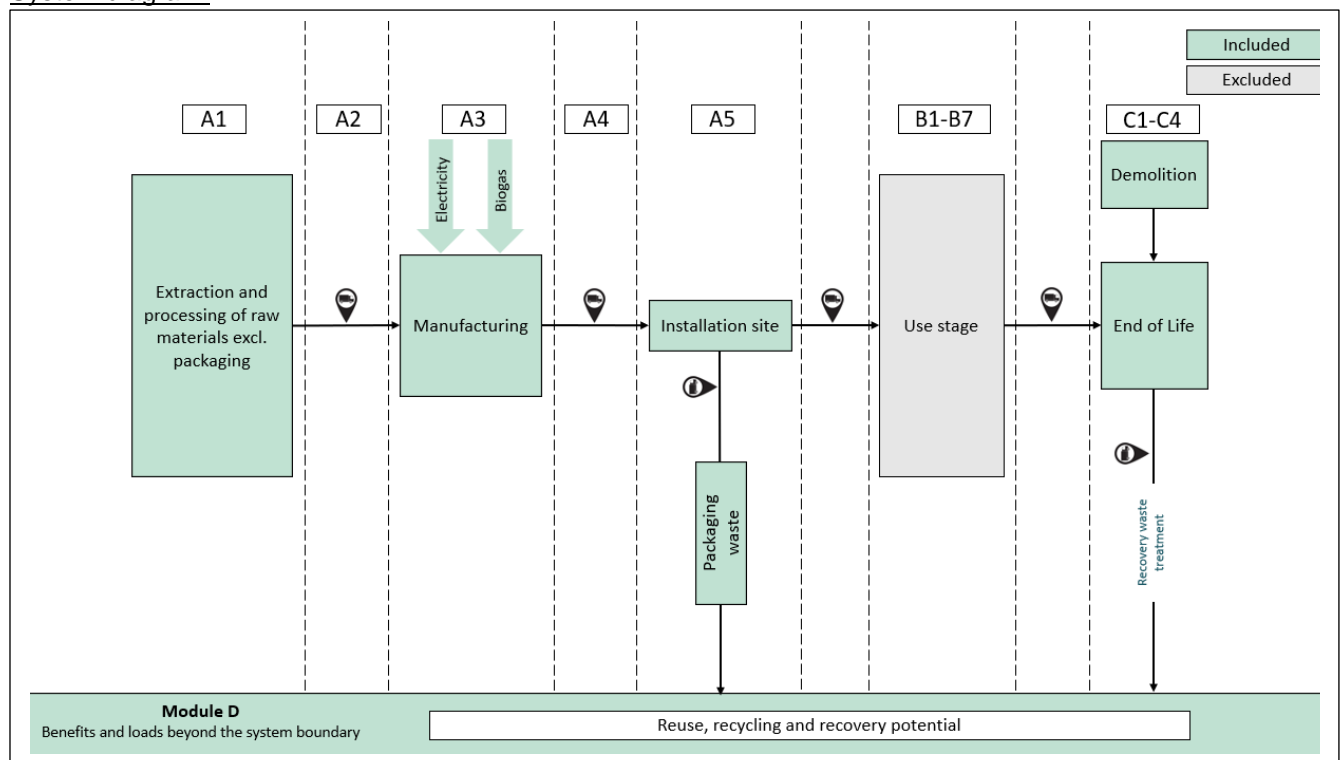
Time representativeness: 2023

Database(s) and LCA software used: The calculation was completed in LCA for Experts v. 10.7, with the database version 2024.1 and with some eco-invent datasets (version 3.8). The characterization factors used in this study refer to PCR 2019:14 and EN 15804+A2 (based on EF 3.1).

Description of system boundaries:

Cradle to gate with options, modules C1–C4, module D and with optional modules (A1–A3 + C + D and additional modules A4+A5).

System diagram:



More information – methodology and assumptions:

A1 – Raw material supply

This module considers the extraction and processing of all raw materials, energy, and transportation that occurs upstream of the studied manufacturing process. The products are made from glass and aluminium, with minor parts made of steel and plastic.

A2 – Transport to the manufacturer

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

A3 - Manufacturing

This module includes all resources used to produce Spirit shower enclosures, mainly electricity and biogas. This also includes the production of packaging material in which the products are transported to customers. The manufacturer has collected data from the production year of 2023. As there's only one manufacturing site, no variation in production sites occurs.

A4 – Transport

This module includes the transportation from the manufacturing in Laholm to costumers in Sweden; 500 km was assumed to represent the Swedish customer base.

Transport to the building site

Scenario information	Unit per declared unit
Fuel type and consumption of vehicle or vehicle type used for transport e.g. long-distance truck, boat, etc.	Truck-trailer, Euro 0 - 6 mix, < 40t gross weight
Distance	500 km
Capacity utilisation (including empty returns)	61%
Volume capacity utilisation factor (factor: =1 or <1 or ≥ 1 for compressed or nested packaged products)	Not applicable

A5 – Construction installation

The product's installation is manual, so it does not contribute to any environmental impact. Furthermore, this module includes the waste treatment of packaging since this is where the packaging leaves the product system.

The following disposal routes were used for packaging, based on Swedish statistics (2020).

Material	Recycling rate	Incineration rate	Landfill rate
Plastic	26%	74%	0%
Wood	0%	100%	0%
Paper	0%	100%	0%

B1-B7 – Use stage

This stage is not declared.

C1 Deconstruction/Demolition

This stage includes the deconstruction and/or demolition of the product. It is assumed that the deconstruction is done manually, and therefore it has a negligible impact.

C2 Transport

This module represents the transport distance to the waste processing facility. It is assumed that the transportation distance to the waste processing facility is 50 km.

C3 Waste processing

This module includes any waste treatment needed. Swedish statistics is used to assign the different materials to the appropriate waste treatment process.

The following waste treatment rates were used.

Material	Recycling rate	Incineration rate	Landfill rate
Metal	95%	0%	5%
Plastic	26%	74%	0%
Rubber	95%	0%	5%
Glass	93%	0%	7%

C4 Disposal

This module includes any material that is landfilled.

Process	Unit (expressed per declared unit)
Collection process specified by type	1 kg collected separately
	0 kg collected with mixed construction waste
Recovery system specified by type	0 kg for re-use
	0.926 kg for recycling
	0.0074 kg for energy recovery
Disposal specified by type	0.0666 kg material for final deposition
Assumptions for scenario development, e.g. transportation	The transportation is modelled with the same specification as the truck transportation in module A2, except for the transportation distance that is set to 50 km.

D Benefits and loads beyond the system boundary

This module includes loads and benefits obtained from energy recovery and or recycling materials. For this product it is mainly the recycling of glass and metals that leads to recovered materials so that the production of virgin materials is avoided, or the energy recovered from incineration removes electricity and heat being produced elsewhere.

Swedish electricity grid mix and process steam from natural gas is used for crediting the heat produced.

Infrastructure

Plants, machine production and transportation systems are excluded from the calculations. However, electricity is one such input for which it is not possible to exclude the impact from infrastructure already included in the dataset, but no data on infrastructure has been manually added to the product system.

Cut-off criteria

The following procedures were followed for the exclusion of inputs and outputs

- All input and output flows in a unit process were considered i.e., taking into account the value of all flows in the unit process and the corresponding LCI where data was available
- Processes of infrastructure or capital goods are excluded from this study (except when it is already included in a dataset used)
- Generic national data was used for modules C1-C4 and D as no specific data was able to be collected
- The use of cut-off criterion on mass inputs and primary energy at the unit process level (1%) and at the information module level (5%) was not applied as all inputs were included

No hazardous and toxic materials or Substances of Very High Concern (SVHC) according to REACH are included in the inventory and the cut-off rules do not apply.

Allocation

Allocation criteria are based on mass.

Modules declared, geographical scope, share of specific data (in GWP-GHG results) and data variation (in GWP-GHG results):

	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	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	GLO	GLO	SE	SE	SE	-	-	-	-	-	-	-	SE	SE	SE	SE	SE
Specific data used	1,59-3,47%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	+35 % / -9%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-

Content information

Product components	Weight, kg	Post-consumer material, weight-%	Biogenic material, weight-% and kg C/ declared unit
Glass	8.54E-01	0	0 and 0
Aluminium	1.23E-01	0	0 and 0
Polymers (PVC, PP, POM)	9.48E-03	0	0 and 0
Other metals (Stainless steel & zinc)	1.36E-02	0	0 and 0
TOTAL	1.00E+00	0	0 and 0
Packaging materials	Weight, kg	Weight-% (versus the product)	Weight biogenic carbon, kg C/ declared unit
Paper	7.08E-02	7.1	3.14E-02
EPS	4.24E-03	0.4	0 and 0
PE	8.03E-05	0.01	0 and 0
Wood	2.08E-02	0.2	8.63E-03
TOTAL	7.72E-02	7.7	4.01E-02

The content declaration shows the content of the representative product, as suggested in PCR.

Dangerous substances from the candidate list of SVHC for Authorisation	EC No.	CAS No.	Mass-% per functional or declared unit
Not relevant.			

Results of the environmental performance indicators

The estimated impact results in this section are only relative statements, which do not indicate the endpoints of the impact categories, exceeding threshold values, safety margins and/or risks. Furthermore, the results of the end-of-life stage (module C) should be considered when using the results of the production stage (modules A1-A3).

Mandatory impact category indicators according to EN 15804

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP-fossil	kg CO ₂ eq.	2.17E+00	3.59E-02	1.05E-02	0.00E+00	1.14E-04	5.78E-03	9.08E-04	-1.03E+00
GWP-biogenic	kg CO ₂ eq.	-1.79E-01	3.21E-06	1.84E-01	0.00E+00	1.18E-07	1.60E-05	2.89E-06	-1.60E-03
GWP-luluc	kg CO ₂ eq.	9.08E-04	2.02E-06	1.86E-06	0.00E+00	6.50E-09	4.93E-07	5.43E-06	-3.23E-04
GWP-total	kg CO ₂ eq.	2.00E+00	3.59E-02	1.95E-01	0.00E+00	1.14E-04	5.80E-03	9.16E-04	-1.03E+00
ODP	kg CFC 11 eq.	6.08E-09	8.37E-09	3.20E-12	0.00E+00	1.76E-11	2.52E-12	2.46E-15	-1.64E-12
AP	mol H ⁺ eq.	1.59E-02	1.06E-04	2.22E-05	0.00E+00	1.28E-06	1.97E-06	6.44E-06	-9.17E-03
EP-freshwater	kg P eq.	7.38E-06	3.83E-07	6.23E-08	0.00E+00	8.45E-10	4.09E-08	2.06E-09	-5.56E-07
EP-marine	kg N eq.	3.49E-03	3.12E-05	6.64E-06	0.00E+00	3.23E-07	7.08E-07	1.66E-06	-2.09E-03
EP-terrestrial	mol N eq.	3.93E-02	3.43E-04	9.18E-05	0.00E+00	3.55E-06	7.51E-06	1.82E-05	-2.40E-02
POCP	kg NMVOC eq.	8.40E-03	7.79E-05	1.83E-05	0.00E+00	9.01E-07	2.00E-06	5.07E-06	-4.31E-03
ADP-minerals&metals*	kg Sb eq.	1.62E-05	6.49E-09	1.68E-09	0.00E+00	1.58E-11	1.06E-09	5.89E-11	-3.50E-08
ADP-fossil*	MJ	2.69E+01	5.11E-01	3.82E-02	0.00E+00	1.60E-03	7.08E-03	1.20E-02	-1.31E+01
WDP*	m ³	5.60E-01	5.40E-04	1.39E-02	0.00E+00	3.47E-06	5.77E-04	1.04E-04	-9.84E-02
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								

* Disclaimer: 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 and voluntary impact category indicators

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP-GHG ¹	kg CO ₂ eq.	2.18E+00	3.59E-02	1.05E-02	0.00E+00	1.14E-04	5.79E-03	9.16E-04	-1.03E+00
PM	Disease incidence	1.73E-07	5.51E-10	2.12E-10	0.00E+00	1.93E-11	6.06E-11	8.07E-11	-6.13E-08
IRP ^{**}	kBq U235 eq.	1.13E-01	2.32E-03	2.72E-04	0.00E+00	9.49E-06	3.43E-05	1.47E-05	-4.84E-02
ETP-fw [*]	CTUe	2.42E+01	1.37E-01	1.83E-02	0.00E+00	6.01E-04	4.13E-03	6.94E-03	-1.85E+01
HTTP-c [*]	CTUh	3.15E-09	2.20E-12	2.24E-12	0.00E+00	1.22E-14	6.94E-13	1.64E-13	-2.31E-10
HTTP-nc [*]	CTUh	1.67E-08	3.97E-11	8.07E-11	0.00E+00	2.78E-13	1.01E-11	6.31E-12	-5.58E-09
SQP [*]	Dimensionless	2.08E+01	6.24E-02	1.32E-02	0.00E+00	2.05E-04	3.04E-03	3.29E-03	-8.89E-01

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

^{**} 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 indicators

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PERE	MJ	1.35E+01	1.34E-03	8.59E-03	0.00E+00	1.30E-04	8.88E-04	2.09E-03	2,01E+00
PERM	MJ	1.32E+00	0.00E+00	-1.32E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	1.48E+01	1.34E-03	-1.31E+00	0.00E+00	1.30E-04	8.88E-04	2.09E-03	2,01E+00
PENRE	MJ	2.69E+01	5.11E-01	3.82E-02	0.00E+00	1.60E-03	7.08E-03	1.20E-02	1,31E+01
PENRM	MJ	5.67E-01	0.00E+00	-1.99E-01	0.00E+00	0.00E+00	-3.68E-01	0.00E+00	0.00E+00
PENRT	MJ	2.74E+01	5.11E-01	-1.61E-01	0.00E+00	1.60E-03	-3.61E-01	1.20E-02	1,31E+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

¹ This indicator accounts for all greenhouse gases except biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. As such, the indicator is identical to GWP-total except that the CF for biogenic CO₂ is set to zero.

RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	m ³	2.28E-02	1.26E-05	3.23E-04	0.00E+00	1.25E-07	1.24E-05	3.18E-06	-3,54E-03
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								

Waste indicators

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
Hazardous waste disposed	kg	2.21E-07	0.00E+00	1.48E-10	0.00E+00	2.62E-13	9.03E-11	2.99E-12	-2.68E-09
Non-hazardous waste disposed	kg	6.33E-01	0.00E+00	3.16E-03	0.00E+00	1.77E-07	6.83E-03	6.05E-02	-1.67E-01
Radioactive waste disposed	kg	9.09E-04	0.00E+00	1.43E-06	0.00E+00	2.81E-08	6.08E-08	1.27E-07	-3.39E-04

Output flow indicators

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
Components for re-use	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
Material for recycling	kg	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	9.26E-01	0.00E+00	0.00E+00
Materials for energy recovery	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
Exported energy, electricity	MJ	0.00E+00	0.00E+00	1.79E-01	0.00E+00	0.00E+00	9.76E-03	0.00E+00	0.00E+00
Exported energy, thermal	MJ	0.00E+00	0.00E+00	3.23E-01	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00

Variation between products

Since the product group is wide and covers many variants, the variation in LCIA results is presented for the best, worst and representative product. The variation in percentage is calculated both between the representative product and the best and worst within the product series.

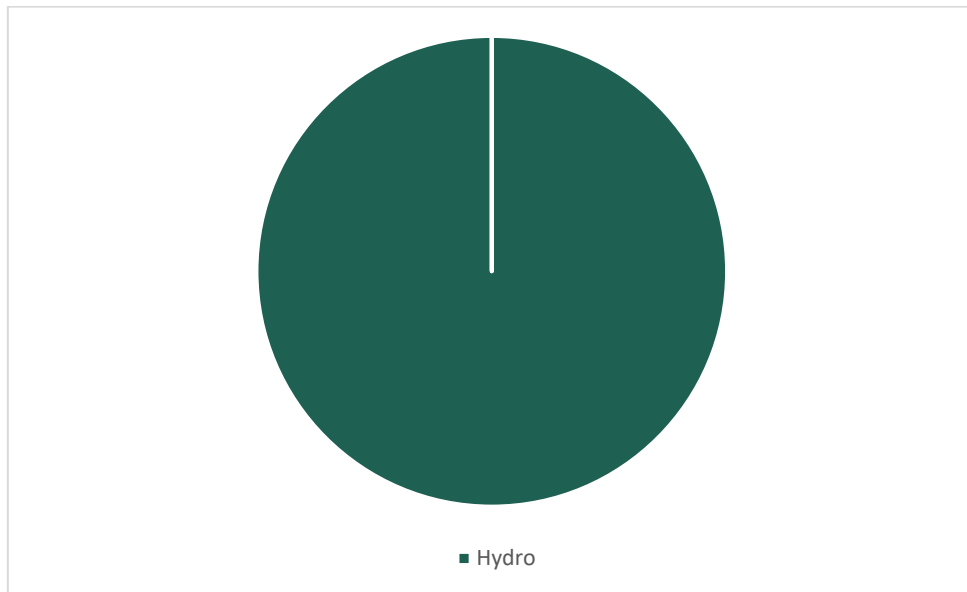
Indicator	Result for best product (A-C)	Result for worst product (A-C)	Result for representative product (A-C)	Variation representative/best	Variation representative/worst
GWP-GHG	2.03E+00	3.19E+00	2.23E+00	9%	35%
GWP-total	2.03E+00	3.20E+00	2.23E+00	9%	36%
GWP-fossil	2.03E+00	3.19E+00	2.23E+00	9%	36%
GWP-biogenic	4.09E-03	7.08E-03	5.14E-03	23%	32%
GWP-luluc	1.05E-03	1.15E-03	9.18E-04	13%	22%
ODP	1.25E-08	1.41E-08	1.45E-08	14%	2%
AP	1.59E-02	2.09E-02	1.60E-02	1%	26%
EP-freshwater	4.50E-06	7.38E-06	7.86E-06	54%	6%
EP-marine	3.56E-03	4.49E-03	3.53E-03	1%	24%
EP-terrestrial	4.02E-02	5.00E-02	3.98E-02	1%	23%
POCP	8.59E-03	1.16E-02	8.50E-03	1%	31%
ADP – minerals and metals	3.87E-05	4.74E-05	1.63E-05	82%	98%
ADP-fossil	2.38E+01	3.88E+01	2.74E+01	14%	34%

WDP	2.29E-01	9.71E-01	5.76E-01	86%	51%
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Additional requirements

Electricity mix from the use of electricity in manufacturing.

In the manufacturing step, a specific electricity mix is used by contractual instrument (Guarantee of Origin). Macro Design purchases electricity from hydropower. The climate impact (GWP-GHG) of the used electricity mix is 0.014 kg CO₂-eq per kWh. The reference year is 2020, and the source is the Sphera database.



Macro Design's energy mix

References

Construction Products PCR 2019:14 version 1.3.4	EPD International (2024) PCR 2019:14 Construction products and construction services, version 1.3.4
EN 15804:2012+A2:2019	Sustainability of construction works - Environmental product declaration - Core rules for the product category of construction products
GPI 5.0	General Programme Instructions of the International EPD® System. Version 5.
ISO 14020:2000	Environmental labels and declarations — General principles
ISO 14025:2010	Environmental labels and declarations - Type III environmental declarations - Principles and procedures
ISO 14044:2006	Environmental management - Life cycle assessment - Requirements and guidelines
LCA report	LCA report for Spirit Shower Enclosures (Véggvári, Liljenroth, Stockwell), Dec 2024.
SCB – Swedish Statistics	(2020) Treated waste by treatment category and waste category. Every second year 2010 - 2020 https://www.statistikdatabasen.scb.se/pxweb/en/ssd/START_MI_MI0305/MI0305T003/ Assessed 2024-12-11.

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