

Uppgiftslämnaren reserverar sig för eventuella fel i produktinformationen eller felaktigt registrerade uppgifter och förbehåller sig rätten att korrigera och/eller komplettera produktinformation utan föregående avisering

## 1 GRUNDDATA

### Varubeskrivning

Alterna Capo Duschvägg, Duschhörna. Rak design, i 6 mm härdat säkerhetsglas, 1950 mm hög. Välj mellan beslag i krom, svart, vitt, borstad brons eller antik koppar.

### Övriga upplysningar

#### Klassificeringar

<b>ETIM</b> >	-EC010962 - Duschkabindör -EC010068 - Tillbehör/Reservdelar duschvägg/-kabin -EC010034 - Duschvägg med hörningång, rektangulär
<b>BK04</b> >	-20105 - Duschkabiner och duschväggar
<b>BSAB</b> >	-PUB.4 - PUB.4 - Duschkabiner o d
<b>UNSPSC</b> >	-30181507 -30181500

### Leverantörsuppgifter

#### Företagsnamn

SGDS Gruppen AB

#### Organisationsnummer

5562870229

#### Adress

Bryggerivägen 9 168 67 Bromma  
Stockholm

#### Hemsida

www.dahl.se

#### Miljökontaktperson

##### Namn

Linnea Halvdansson

##### Telefon

08-583 595 00

##### E-post

tkd@dahl.se

## 2 HÅLLBARHETSARBETE

## Företagets certifiering

- ISO 9001
- ISO 14001

## Policys och riktlinjer

### 3

## INNEHÅLLSDEKLARATION

**Kemisk produkt** Nej

**Innehåller produkten elektronik** Nej

**Omfattas varan av RoHs-direktivet** Nej

**Varans vikt**

## Vara / Delkomponenter

**Koncentrationen har beräknats på komponentnivå**

Tempered safety glass - 95,3% av hela varan

Ingående material /komponenter	Vikt-% i komponent	CAS-nr (alt legering)	EG-nr (alt legering)	Vikt % i produkt	Kommentar
Härdat mineralglas	100%	Övrigt, mineralbaserat		95,3%	

Aluminum - 0,12% av hela varan

Ingående material /komponenter	Vikt-% i komponent	CAS-nr (alt legering)	EG-nr (alt legering)	Vikt % i produkt	Kommentar
Aluminiumlegering EN AW-6463, Pb 0%	100%	Övrigt, metaller		0,12%	

Hardware - 3,98% av hela varan

Ingående material /komponenter	Vikt-% i komponent	CAS-nr (alt legering)	EG-nr (alt legering)	Vikt % i produkt	Kommentar
Zamak, ZP 5, zinklegering (ZP0410) Cd ≤ 0,005%, Pb ≤ 0,005%, Ni ≤ 0,02%	74%	Övrigt, metaller		2,9452%	
Rostfritt stål EN 1.4301, 8-10,5%, Bedömning på legeringsnivå	26%	12597-68-1	603-108-1	1,0348%	

Plastic parts - 0,6% av hela varan

Ingående material /komponenter	Vikt-% i komponent	CAS-nr (alt legering)	EG-nr (alt legering)	Vikt % i produkt	Kommentar
TPR - Termoplastisk elastomer gummi	2,5%	Övrig, polymer		0,015%	
POM-plast	3%	9001-81-7		0,018%	
Polyamide 6	2,5%	25038-54-4	Saknas	0,015%	
Polyamid 6,6, PA66, Nylon	2,5%	32131-17-2	Saknas	0,015%	

66, Poly[imino(1,6-dioxo-1,6-hexanediy)imino-1,6-hexanediy], Adipic acid-hexanediamine polymer SRU					
ABS plast	0,8%	9003-56-9		0,0048%	
Poly(vinyl chloride), PVC, Pvc resin, Polyvinylklorid, Poly(1-chloroethylene),	88%	93050-82-9		0,528%	

**Del av materialinnehållet som är deklarerat**

100%

### Särskilt farliga ämnen

Varan innehåller INTE några ämnen med särskilt farliga egenskaper (Substances of very high concern, SVHC-ämnen) som finns med på kandidatförteckningen i en koncentration som överstiger 0,1 vikts-%

**Utgåva av kandidatförteckningen som har använts**

2024-05-15

### Nanomaterial

**Innehåller produkten tillsatt nanomaterial, som är medvetet tillsatta för att uppnå en viss funktion?:** Nej

### Tillsatt högflourerade ämnen (PFAS)

**Innehåller produkten tillsatt högflourerade ämnen (PFAS), som är aktivt tillsatta för att uppnå en specifik funktion?:** Nej

### Begränsningslistan

**Innehåller varan/produkten, eller någon av dess delkomponenter, ämnen som gör att produkten inte uppfyller villkoren i Begränsningslistan (Reach Bilaga XVII)?:** Vet ej

### POPs-förordningen

**Innehåller varan (eller någon av dess delkomponenter) ämnen som finns i POPs-förordningen?:** Vet ej

### Övrigt

Ämnen är redovisade ned till 0,01% viktprocent enligt iBVDs redovisningskrav. Eventuell avvikelser från redovisningskraven redovisas nedan

4

**RÅVAROR****Återvunnet material**

Innehåller varan återvunnet material: Nej

**Träråvara**

Träråvara ingår i varan: Nej

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**MILJÖPÅVERKAN**

Finns en miljövarudeklaration framtagen enligt EN15804 eller ISO14025 för varan

Ja

Finns annan miljövarudeklaration

Ej angivet

6

**DISTRIBUTION**

Beskrivning av emballagehantering för distribution av varan

Levereras i kartong

Dahl är anslutna till FTI acc no 5562870229

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**BYGGSCKEDET**

Ställer varan särskilda krav vid lagring?

Nej

Ställer varan särskilda krav på omgivande byggvaror?

Nej

8

**BRUKSSKEDET**

Finns skötselansvisningar/skötselråd?

Ja

Finns en energimärkning enligt energimärkningsdirektivet (2017/1369/EU) för varan?

Nej

9

**RIVNING**

Kräver varan särskilda åtgärder för skydd av hälsa och miljö vid rivning/demontering?

Nej

<b>Omfattas den levererade varan av förordningen (2014:1075) om producentansvar för elektriska och elektroniska produkter när den blir avfall?</b>	Nej
<b>Är återanvändning möjlig för hela eller delar av varan?</b>	Nej
<b>Är materialåtervinning möjlig för hela eller delar av varan?</b>	Ja
Rostfritt stål	
<b>Är energiåtervinning möjlig för hela eller delar av varan?</b>	Nej
<b>Har leverantören restriktioner och rekommendationer för återanvändning, material- eller energiåtervinning eller deponering?</b>	Ja
Vi rekommenderar materialåtervinning	
<b>När den levererade varan blir avfall, klassas den då som farligt avfall?</b>	Nej
<b>Avfallskod (EWC) för den levererade varan</b>	170405

RSK-nummer	Eget Artikel-nr	GTIN
733 03 59		7332508043801
733 03 60		7332508043818
733 03 73		7332508048455
733 03 74		7332508048462
733 03 75		7332508048479
733 03 76		7332508048486
733 03 77		7332508048493
733 03 78		7332508048509
733 03 79		7332508048516
733 03 80		7332508048523
733 03 81		7332508048530
733 03 82		7332508048547
733 03 83		7332508048554
733 03 84		7332508048561
733 03 85		7332508048578
733 03 86		7332508048585
733 03 87		7332508048592
733 03 88		7332508048608
733 03 89		7332508048615
733 03 90		7332508048622
733 03 91		7332508048639
733 03 92		7332508048646
733 03 93		7332508048653
733 03 94		7332508048660
733 03 95		7332508048677
740 30 57		7332508043825
740 30 58		7332508043832
740 30 59		7332508043849
740 30 60		7332508043856
740 30 61		7332508043863
740 30 62		7332508043870
740 30 67		7332508043214

**Produktdatablad**

**Prestandadeklaration**

**Säkerhetsblad**

**RoHs-intyg**

**Miljövarudeklaration**                      [Alternativa Capo shower enclosure EPD.pdf](#)

**Skötselmanual**

**Övriga bifogade dokument**

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# Environmental Product Declaration



In accordance with ISO 14025 and EN 15804:2012+A2:2019 for:

## Alterna Capo shower enclosure

from

**Saint-Gobain Building Distribution (SGDS)**



Programme:	The International EPD® System, <a href="http://www.environdec.com">www.environdec.com</a>
Programme operator:	EPD International AB
EPD registration number:	S-P-09536
Publication date:	2023-06-19
Valid until:	2028-06-18

*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](http://www.environdec.com)*





## General information

### Programme information

<b>Programme:</b>	The International EPD® System
<b>Address:</b>	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
<b>Website:</b>	<a href="http://www.environdec.com">www.environdec.com</a>
<b>E-mail:</b>	<a href="mailto:info@environdec.com">info@environdec.com</a>

<b>Accountabilities for PCR, LCA and independent, third-party verification</b>
<b>Product Category Rules (PCR)</b>
CEN standard EN 15804 serves as the Core Product Category Rules (PCR)
Product Category Rules (PCR): <i>PCR 2019:14 Construction products. Version 1.2.5, date 2022-11-01.</i>
PCR review was conducted by: <i>The Technical Committee of the International EPD® System. Chair: Claudia A. Peña. Contact via <a href="mailto:info@environdec.com">info@environdec.com</a></i>
<b>Life Cycle Assessment (LCA)</b>
LCA accountability: <i>Stanislava Borisová, IVL Swedish Environmental Research Institute</i>
<b>Third-party verification</b>
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: <i>Vladimír Kočí, Prague, Czech Republic, <a href="http://lcastudio.cz">lcastudio.cz</a></i>  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 from different programmes may not be comparable. EPDs of construction products may not be comparable if they do not comply with EN 15804. For further information about comparability, see EN 15804 and ISO 14025.

## Company information

### Owner of the EPD:

Saint-Gobain Distribution Sweden (SGDS Gruppen AB)

### Contact:

SGDS - Beriar Maroof (beriar.maroof@sgdsgruppen.se)

### Description of the organisation:

SGDS Gruppen AB is the mother company of some of Sweden's leading trading companies in distribution of building material within construction products, sheet metal, tiles and installation products for plumbing, heating and sanitary.

- Optimera - construction products
- Dahl - plumbing, heating, sanitary, civil engineering, industry, cooling and facility management
- Bevego - sheet metal, ventilation and technical insulation
- Kakelspecialisten and Konradssons Tiles - tiles, tiling and bathroom equipment

The company's focus on sales and services to professional customers with direct contact to about 150 000 customers on a regular basis.

Saint-Gobain Distribution Sweden group is owned by Saint-Gobain with presence in 64 countries and having over 190 000 employees worldwide.

### Product-related or management system-related certifications:

ISO 9001 and ISO 14001

### Location of production site:

China

## Product information

### Product name:

Alterna Capo

### Product identification:

Size 880x1950 mm.

### Product description:

Alterna Shower enclosures and shower walls is a full range covering most of the installations on the market. Depending on range you can chose from wall profile, hinges or rail made in 6 mm hardened glass. Glass surface comes in clear, frosted, semi frosted or grey and with or without easy clean treatment.

### UN CPC code:

3719

### UNSPSC code:

30181507

### Geographical scope:

The Nordic countries

## LCA information

### Declared unit:

1 item of Capo shower enclosure (24.977 kg)

### Time representativeness:

The data used to model product manufacturing corresponds to year 2021. The data from generic databases are from 2015 - 2022. No data used is older than 10 years.

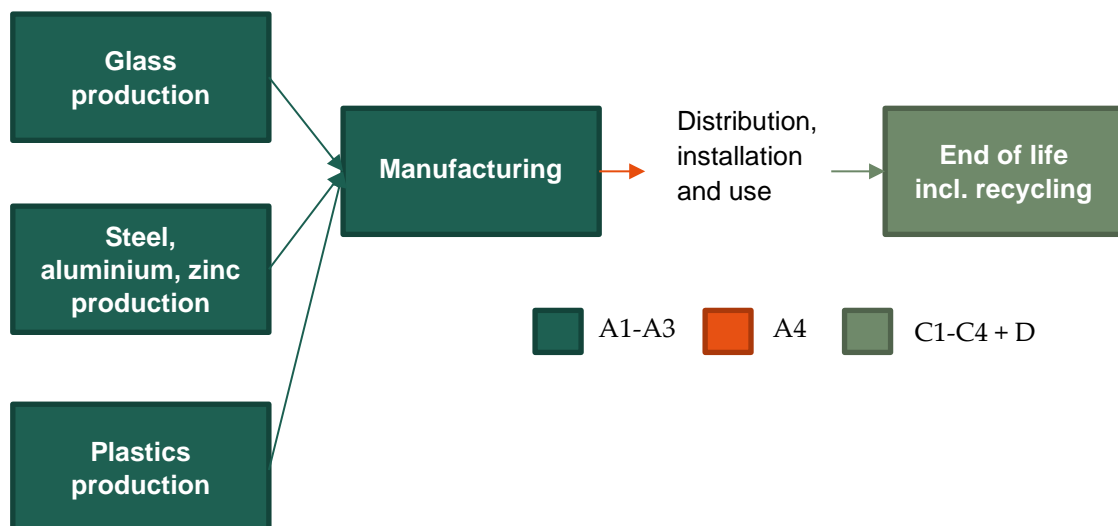
### Database(s) and LCA software used:

Databases used are the Sphera's Managed LCA Content (version 2023.1). The LCA software used is LCA for Experts (version 10.7).

### Description of system boundaries:

Cradle to gate with options, modules C1-C4, module D and with optional module A4.

### System diagram:



Tempered glass, steel, aluminium, zinc and plastics (polyamide, polyvinylchloride, acrylonitrile butadiene styrene, polyoxymethylene and thermoplastic rubber), are transported to a manufacturing plant where shower enclosures are manufactured. The shower enclosures are transported to a central warehouse from where they are distributed to the final customers. After use the product is transported to waste processing, is manually disassembled and different materials are treated in their respective way.

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

	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	ND	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	CN	CN	CN	CN-NC	-	-	-	-	-	-	-	-	NC	NC	NC	NC	NC
Specific data used	45.5 %			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-

X: Module declared, ND: Module not declared, CN: China, NC: The Nordic countries

The results presented reflect the material composition of one specific variant given that the variation between the best and worst case was higher than 10%.

Allocation:

Weight allocation has been applied to allocate the manufacturing data, delivered for the complete plant, to 1 item of Capo shower enclosure.

Data quality:

Site-specific manufacturing data has been retrieved from the manufacturer. The upstream and downstream processes have been modelled based on generic data from databases. The collected data was reviewed according to EN 15804 and is deemed as of good quality.

Cut-off criteria:

The maximum cut-off criteria established by the PCR is 1% of all material and energy flows to a single unit process and 5% of total inflows (mass and energy) per module, e.g. per module A1-A3, A4, C1-C4 and module D. No cut-offs exceeding this limit have been made.

## Content information

Product components	Weight, kg	Post-consumer material, weight-%	Renewable material, weight-%
Tempered glass	23.80	Unknown	0%
Aluminium	0.030	Unknown	0%
Stainless steel	0.243	Unknown	0%
Steel	0.012	Unknown	0%
Zinc alloy	0.740	Unknown	0%
Polyamide	0.008	Unknown	0%
Polyvinylchloride	0.133	Unknown	0%
Acrylonitrile butadiene styrene	0.0012	Unknown	0%
Polyoxymethylene	0.0055	Unknown	0%
Thermoplastic rubber	0.004	Unknown	0%
TOTAL	24.9767	Unknown	0%
Packaging materials	Weight, kg	Weight-% (versus the product)	
Corrugated paper	3.5000	14.0%	
Polystyrene foam	0.7660	3.1%	
Low density polyethylene	0.0370	0.1%	
Polypropylene	0.0830	0.3%	
TOTAL	4.3860	17.6%	

No substances that appear in the REACH candidate list of SVHC (Candidate List of Substances of Very High Concern) are present or used in the product.

## Environmental Information

### Potential environmental impact – mandatory indicators according to EN 15804

Results per functional or declared unit: 1 item of Capo								
Acronyms	Unit	Total (A1-A3)	A4 Transport to warehouse	C1 Deconstruction	C2 Transport	C3 EoL	C4 Disposal	D Benefits
GWP-GHG <sup>(1)</sup>	kg CO <sub>2</sub> eq	<b>1.65E+01</b>	9.04E+00	0.00E+00	1.20E-01	4.34E-01	0.00E+00	- 7.14E+00
GWP-total	kg CO <sub>2</sub> eq	<b>1.76E+01</b>	9.18E+00	0.00E+00	1.25E-01	4.41E-01	0.00E+00	- 7.30E+00
GWP-fossil	kg CO <sub>2</sub> eq	<b>1.69E+01</b>	9.15E+00	0.00E+00	1.22E-01	4.40E-01	0.00E+00	- 7.27E+00
GWP-biogenic	kg CO <sub>2</sub> eq	<b>6.78E-01</b>	1.67E-02	0.00E+00	2.08E-03	2.75E-06	0.00E+00	-3.01E-02
GWP-luluc	kg CO <sub>2</sub> eq	<b>1.01E-02</b>	4.85E-03	0.00E+00	1.40E-03	5.04E-04	0.00E+00	-6.05E-03
ODP	kg CFC-11 eq	<b>2.03E-07</b>	5.90E-13	0.00E+00	2.33E-17	1.26E-12	0.00E+00	-4.16E-08
AP	mole H <sup>+</sup> eq	<b>8.96E-02</b>	3.03E-01	0.00E+00	2.14E-04	5.06E-04	0.00E+00	-4.81E-02
EP-freshwater	kg P eq	<b>7.61E-04</b>	5.44E-06	0.00E+00	1.10E-06	4.73E-07	0.00E+00	-2.83E-04
EP-marine	kg N eq	<b>1.66E-02</b>	7.14E-02	0.00E+00	7.48E-05	2.00E-04	0.00E+00	-8.33E-03
EP-terrestrial	mole N eq	<b>1.81E-01</b>	7.82E-01	0.00E+00	9.61E-04	2.28E-03	0.00E+00	-9.38E-02
POCP	kg NMVOC eq	<b>7.12E-02</b>	2.03E-01	0.00E+00	1.66E-04	5.43E-04	0.00E+00	-2.64E-02
ADP-minerals & metals	kg Sb eq	<b>9.83E-04</b>	1.22E-07	0.00E+00	1.29E-08	7.70E-08	0.00E+00	-9.20E-04
ADP-fossil	MJ	<b>2.49E+02</b>	1.11E+02	0.00E+00	1.58E+00	2.74E+00	0.00E+00	- 8.61E+01
WDP	m <sup>3</sup>	<b>4.64E+00</b>	2.15E-02	0.00E+00	2.20E-03	5.31E-02	0.00E+00	- 1.87E+00
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							

(1) The GWP-GHG indicator includes all greenhouse gases included in GWP-total but excludes biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. This indicator is thus almost equal to the GWP indicator originally defined in EN 15804:2012+A1:2013.

(2) 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.

## Use of resources

Results per functional or declared unit: 1 item of Capo								
Acronyms	Unit	Total (A1-A3)	A4 Transport to warehouse	C1 Deconstruction	C2 Transport	C3 EoL	C4 Disposal	D Benefits
PERE	MJ	2.50E+01	1.09E+00	0.00E+00	1.96E-01	8.57E-01	0.00E+00	- 1.55E+01
PERM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	MJ	2.50E+01	1.09E+00	0.00E+00	1.96E-01	8.57E-01	0.00E+00	- 1.55E+01
PENRE	MJ	2.49E+02	1.11E+02	0.00E+00	1.58E+00	2.74E+00	0.00E+00	- 8.62E+01
PENRM	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	MJ	2.49E+02	1.11E+02	0.00E+00	1.58E+00	2.74E+00	0.00E+00	- 8.62E+01
SM	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-27	0.00E+00	0.00E+00
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-26	0.00E+00	0.00E+00
FW	m3	1.17E-01	1.44E-03	0.00E+00	2.59E-04	1.61E-03	0.00E+00	-6.14E-02
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 re-sources; 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 production and output flows

### Waste production

Results per functional or declared unit: 1 item of Capo								
Acronyms	Unit	Total (A1-A3)	A4 Transport to warehouse	C1 Deconstruction	C2 Transport	C3 EoL	C4 Disposal	D Benefits
HWD	kg	1.23E-05	6.82E-10	0.00E+00	1.03E-10	- 9.02E-11	0.00E+00	-1.51E-04
NHWD	kg	1.58E+00	1.17E-02	0.00E+00	6.41E-04	1.21E-01	0.00E+00	- 1.28E+00
RWD	kg	3.46E-03	1.38E-04	0.00E+00	4.29E-06	1.90E-04	0.00E+00	-2.03E-03

## Output flows

Results per functional or declared unit: 1 item of Capo								
Acronyms	Unit	Total (A1-A3)	A4 Transport to warehouse	C1 Deconstruction	C2 Transport	C3 EoL	C4 Disposal	D Benefits
CRU	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MER	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EET	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

## Information on biogenic carbon content

Biogenic carbon content <sup>(1)</sup>	Unit per DU	Amount
Biogenic carbon content in product	kg C	0.00E+00
Biogenic carbon content in packaging	kg C	1.40E+00

(1) 1 kg biogenic carbon is equivalent to 44/12 kg CO<sub>2</sub>.



## References

ISO (2000): ISO 14020:2000, Environmental labels and declarations – General principles

ISO (2006a): ISO 14025:2006, Environmental labels and declarations – Type III environmental declarations – Principles and procedures

ISO (2006c). ISO 14044: 2006, Environmental management – Life cycle assessment – Requirements and guidelines.

General Programme Instructions of the International EPD® System. Version 4.0.

PCR 2019:14 Construction products. Version 1.2.5

CEN (2019): EN 15804:2012+A2:2019, Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products.

Borisová, S. (2023) LCA methodology report for Aria, Capo and Lusso shower enclosures.

