

## Environmental Product Declaration

# Intra inset kitchen sinks: Omnia, Frame and Nivis

In accordance with: ISO 14025, ISO 14040, ISO 14044, PCR Construction Products 2019:14 v2.0.1, EN 15804:2012+A2:2019/AC:2021, EN 15941:2024, ECO Platform rules, General Program Instructions 5.0.1

Program:  
Program operator:  
Type of EPD:

The International EPD® System, [www.environdec.com](http://www.environdec.com)  
EPD International AB  
EPD of multiple products, based on the average results of the product group – see section "Products covered in this EPD"

EPD owner:  
EPD registration number:

Intra Mölntorp AB, Säbyvägen 8, 734 93 KOLBÄCK, Sweden  
EPD-IES-0023856

Version date:  
Validity date:

2025-10-06  
2030-10-15

An EPD may be updated or depublished if conditions change. To find the latest version of the EPD and to confirm its validity, see [www.environdec.com](http://www.environdec.com).

# General information

Environmental product declarations (EPDs) present transparent, verified and comparable information about products' environmental impact during their life cycle. The International EPD® System is a global environmental declaration program based on ISO 14025 and EN 15804. Our online database currently contains more than 1199 EPDs for a wide range of product categories by organizations in 45 countries.

EPDs within the same product category but from different programs may not be comparable. The EPD owner has sole ownership, responsibility and liability for the EPD.

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

Product Category Rules (PCR)
<b>CEN standard EN 15804 serves as the Core Product Category Rules (PCR)</b>
<b>Product Category Rules (PCR):</b> Construction products PCR 2019:14 VERSION 2.0.1, <i>UN CPC code: 42911</i>
<b>PCR review was conducted by:</b> Rob Rouwette (chair), Noa Meron (co-chair)

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, version 2.0.1.  PCR review was conducted by: The Technical Committee of the International EPD® System. The review panel may be contacted via <a href="mailto:info@environdec.com">info@environdec.com</a>
Life cycle assessment (LCA)	LCA accountability: Dag Björkqvist and Gabriella Åkesson, Environmental consultant. Organization: EnviLoop AB
Third party – verification	Verifier: Muhammad Arfan, Bureau Veritas Certification AB Accreditation nr 1236 Organization: Bureau Veritas



## Third-party Verification

Independent third-party verification of the declaration and data, according to ISO 14025:2006, via:

☒ **Individual EPD verification without a pre-verified LCA/EPD tool**

Third-party verifier: Muhammed Arfan, Bureau Veritas Certification AB Accreditation nr 1236

Approved by: International EPD System

☐ **Individual EPD verification with a pre-verified LCA/EPD tool**

Third-party verifier: <name, and organization of the individual verifier>

Approved by: International EPD System

or

< name of certification body (including address) >

Accredited by: < Name of accreditation body & accreditation number, where applicable>

Pre-verified LCA tool or Pre-verified EPD tool: <name and version>

Third-party verifier, accountable for the tool verification: <name, and organization of the individual verifier>

Approved by: International EPD System

or

< name of certification body (including address) >

Accredited by: < Name of accreditation body & accreditation number, where applicable>

Independent third-party verification of the declaration and data, according to ISO 14025:2006, via:

☐ **EPD process certification\* without a pre-verified LCA/EPD tool**

Third-party verifier:

< name of certification body (including address) >

Accredited by: < Name of accreditation body & accreditation number, where applicable>

☐ **EPD process certification\* with a pre-verified LCA/EPD tool**

Third-party verifier:

< name of certification body (including address) >

Accredited by: < Name of accreditation body & accreditation number, where applicable>

Pre-verified LCA tool or Pre-verified EPD tool: <name and version>

Third-party verifier, accountable for the tool verification:

<name, and organization of the individual verifier>

Approved by: International EPD System

or

< name of certification body (including address) >

Accredited by: < Name of accreditation body & accreditation number, where applicable>

☐ **Fully pre-verified EPD tool**

Fully pre-verified EPD tool: <name and version>

Third-party verifier, accountable for the tool and EPD verification:

<name, and organization of the individual verifier>

Approved by: International EPD System

or

< name of certification body (including address) >

Accredited by: < Name of accreditation body & accreditation number, where applicable>

\*EPD process certification involves an accredited certification body certifying and periodically auditing the EPD process and conducting external and independent verification of EPDs that are regularly published. More information can be found in the General Programme Instructions on [www.envrondec.com](http://www.envrondec.com).

Procedure for follow-up of data during EPD validity involves third party verifier:

☒ Yes ☐ No

Bureau Veritas

EPDs within the same product category but published in different EPD programmes, may not be comparable. For two EPDs to be comparable, they shall be based on the same PCR (including the same first-digit version number) or be based on fully aligned PCRs or versions of PCRs; cover products with identical functions, technical performances and use (e.g. identical declared/functional units); have identical scope in terms of included life-cycle stages (unless the excluded life-cycle stage is demonstrated to be insignificant); apply identical impact assessment methods (including the same version of characterisation factors); and be valid at the time of comparison. For further information about comparability, see EN 15804 and ISO 14025.

## Information about EPD owner

Owner of the EPD	Intra Mölntorp AB
Contact	Intra Mölntorp AB, Säbyvägen 8, 734 93 KOLBÄCK, Sweden www.intra-teka.com
Description of the organization	<p>Intra develops, produces and markets high-quality products in stainless steel for kitchens and public sanitary rooms, with a strong focus on durability, functionality and design. The company has a long tradition of product development in close collaboration with industrial designers, resulting in products being made to meet the demands of everyday use, and to last for generations.</p> <p>The mission is to deliver Scandinavian designed products in time and in full, always with the wellbeing of our customers and end users in mind. Sustainability is a key priority, from responsible material choices and long-lasting design to minimizing environmental impact throughout the product's life cycle.</p> <p>The factory is located in Mölntorp, Sweden, where development and production are based. Intra is part of the Teka Group, a global industrial company with a strong international presence.</p>
Management system related certifications	ISO 14001 ISO 9001
Name and location of production sites	Intra Mölntorp AB, Säbyvägen 8, 734 93 KOLBÄCK, Sweden

# Product information

Product group name	Intra Inset Kitchen-sink
Product group EPD development criterion	Intra inset sinks are available in 3 different families, Omnia, Frame and Nivis with a weight range from 3.5 to 7 kg. This EPD is based on an average of all models.
Product group identification	Intra Inset sinks is a kitchen sink system designed to fit most kitchen environments. It features a universal flange that allows flexible installation methods, including top-mount, under-mount, and flush-mount configurations. The sinks are reversible and, also offered in dedicated left- and right-hand options, enabling a broad range of installation possibilities. The stainless steel used in construction possesses superior material properties: it is low-maintenance, hygienic, and made from recycled content.
Product group description	Intra inset sinks are manufactured in our factory in Kolbäck, Sweden. In the factory we use renewable energy from hydropower and always strive to minimize material usage and scrap and manufacture our product as efficiently as possible.
UN CPC code	42911 - Sinks, washbasins, baths and other sanitary ware and parts thereof, of iron, steel, copper or aluminum.
Geographical scope	Europe
Included products	Products covered by the EPD are listed at the end of this document.

# Content declaration (1 kitchen sink)

Product content	Mass, kg	Post-consumer recycled material, mass-% of product	Biogenic material, mass-% of product	Biogenic material, kg C/product or declared unit
Steel	4,2	80	0	0
Polypropylene	1	0	0	0
Aluminum	0,3	0	0	0
Adhesive glue	0,04	0	0	0
TOTAL	5,5	69	0	0

Packaging materials	Mass, kg	Mass-% (versus the product)	Biogenic material, kg C/declared unit
Paperboard	1,3	24	0,6
Expanded Polystyrene	0,5	9	0
TOTAL	1,8	33	0,6

# LCA information

LCA information	
Declared unit	1 kitchen-sink 9,9 kg Intra Inset sinks 1,8 kg packaging material
Referens service life	30 years
Time representativeness	2023
Geographical scope:	Europe
Databases and LCA software used	Ecoinvent, ECO portal, OpenLCA
Description of the system boundaries	Type A Cradle to gate and Options. Total A1-A3, C och D.

Life Cycle Assessment (LCA)	
LCA-practitioner	LCA was conducted by EnviLoop AB.
Allocation	Allocation is based on physical mass in all cases except one where economic value allocation is used. This is for the scrap steel which is produced in A3. The economic value of scrap steel is significantly lower than that of the product and assumed to be zero thereby allocating all environmental impact to the declared unit. No environmental impact is allocated away from the declared unit.
Electricity usage modelling	Electricity use at Intra production site is hydro generated which is shown by guarantees of origin. The modelling of electricity includes the upstream infrastructure.
Information about scenarios and additional technical information	This Environmental Product Declaration includes at least 95% of the environmental impact from the product. The production and use of aluminum, steel and polypropylene, along with transportation, account for the majority of the environmental impact. The packaging material constitutes a small part of the product. A limitation in the results is that the conversion process of the packaging material into expanded polystyrene is not included, as no data was available. Upstream infrastructure environmental impact is included in electricity modelling. Other infrastructure, capital goods and human labor are excluded from the scope of the study.
Background data information	<p>For all components in Intra Insets, primary data from Intra Mölntorp regarding the amount of resources used in each kitchen sink is utilized. Data from EPDs and databases are used, see table of declared sources.</p> <p>Recycled steel is the main input of the product system. The recycled content is based on information from suppliers, 95 % from Supplier 1 and 70 % from Supplier 2. Supplier 1 is actual data with origin certificate while Supplier 2 is a conservative estimate by the supplier. The recycled steel is assumed to come with environmental burden, the environmental burden stated in the supplier EPD of that specific product. The GWP-GHG impact of Supplier 1 steel is 1,8 kg CO<sub>2</sub>eq./kg steel and Supplier 2 2,8 kg CO<sub>2</sub>eq./kg steel.</p>

## Summary of data quality assessment.

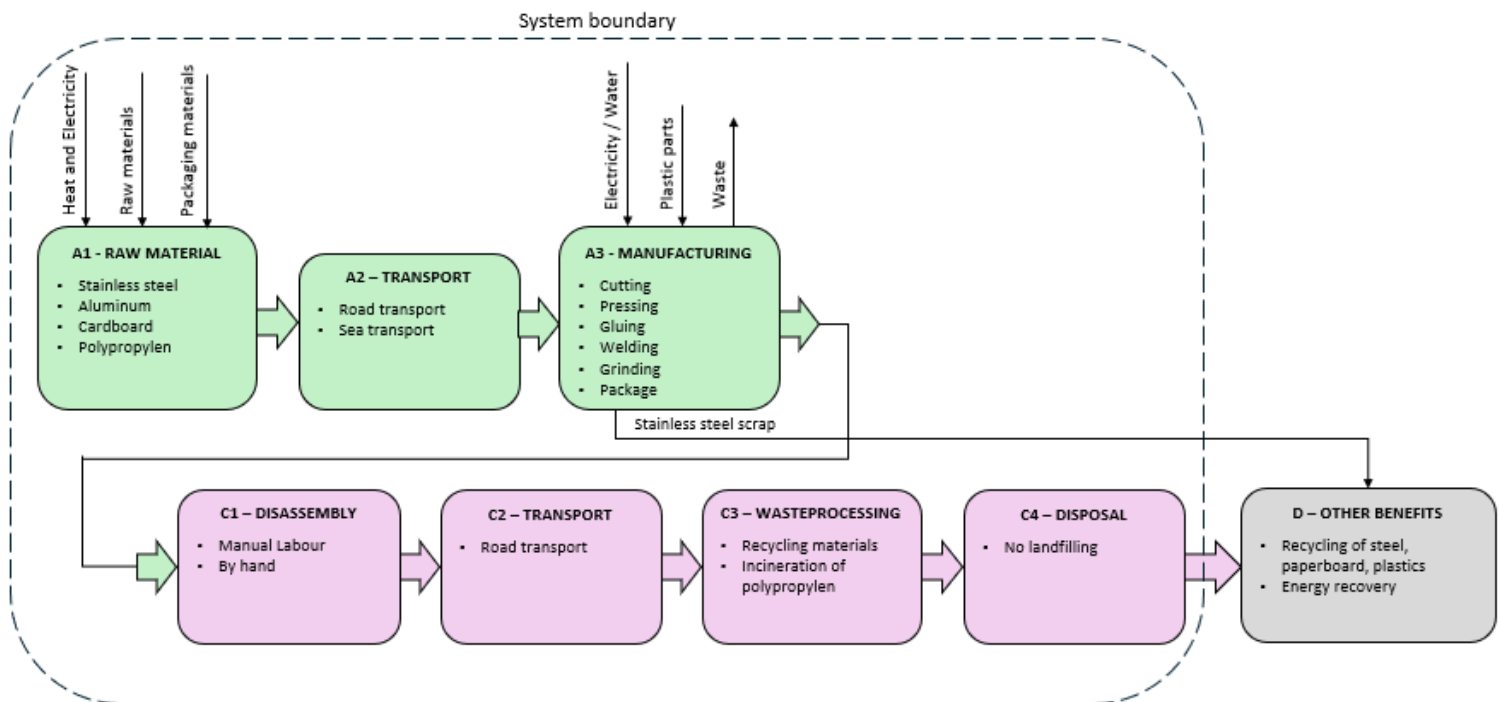
Material/ process	Source type	Source	Reference year	Data category	Share GWP- GHG of module	Share from primary data of module
<b>A1</b>						
Material in product	Collected data	EPD owner	2023	Primary data	-	-
Aluminum	EPD	S-P-07377	2022	Primary data/ Secondary data	4 %	3 %
Steel Outokumpu	EPD	EPD-IES- 0017264	2023	Primary data/ Secondary data	17 %	8 %
Steel Acerinox	EPD	S-P-08506	2022	Primary data/ Secondary data	48 %	19 %
Polypropylene	Database, ECO Portal	Corrugated plastic pipes ( Pecor )	2023	Proxy data	5 %	0 %
EPS Lindepac	EPD	EPD-IVH- 20220132- CBG1-DE	2021	Primary data/ Secondary data	5 %	2 %
Apac wellpapp	Database, ECO Portal	PetaFresh - seafood packaging in corrugated cardboard + lid, 15 kg	2024	Proxy data	22 %	0 %
<b>A2</b>						
Transport distance	Collected data	Google Earth, LCA practitioner	2023	Primary data	-	-
Impact of transport	EPD	S-P-07377	2022	Primary data/ Secondary data	100 %	40 %
<b>A3</b>						
Material and energy in production	Collected data	EPD owner	2023	Primary data	-	-
Electricity used in manufacturing of product	Collected data, Guarantee of origin	EPD Owner	2023	Primary data	-	-
Water, Hydraulic oil, Diesel, Refrigerant, Paperboard, Plastic, Lighting, Waste, Hydro electricity, Transport, Steel	Database	Ecoinvent v3.9.1	2022	Primary data	100 %	100%



Data quality assessment covering at least 80 % of GWP-GHG results.

<b>Source</b>	<b>Geographical representativeness</b>	<b>Technical representativeness</b>	<b>Time representativeness</b>
Material in product, EPD owner	Very good	Very good	Very good
Aluminum, S-P-07377	Very good	Very good	Very good
Steel Outokumpu, EPD-IES-0017264	Very good	Very good	Very good
Steel Acerinox, S-P-08506	Very good	Very good	Good
Polypropylene, ECO Portal	Fair	Good	Very good
EPS Lindepac, EPD-IVH-20220132-CBG1-DE	Very good	Very good	Good
Apac cardboard, ECO Portal	Fair	Fair	Very good
Transport distance, Google Earth, LCA practitioner	Good	-	-
Impact of transport, S-P-07377	Good	Good	Good
Distances, PCR	Fair	Fair	Very good
Impact of transport, recycling grade of PP-plastic, EPD-IES-0017652	Good	Good	Very good
Impact of plastic, EPD-IES-0017652	Good	Good	Very good
municipal waste collection service by 21 metric ton lorry   municipal waste collection service by 21 metric ton lorry   Cutoff, S	Fair	Good	Very good
electricity production, hydro, reservoir, non-alpine region   electricity, high voltage   Cutoff, S	Very good	Very good	Good

# System diagram



# Modules explain

A1 – Raw material extraction	C1 – Demolition of the product (after use)
In the module, resource extraction, transportation, energy use, water use, use of chemicals, and any material usage during production of base material are reported.	No process requiring resources or energy is assumed to exist here.
A2- Transport	C2 – Transport of waste
Energy use during the transportation of materials to the manufacturing site.	Energy used during the transportation of waste to the location where it is managed.
A3 - Manufacturing	C3 – The waste process
Energy use, water use, use of chemicals, and any material/resource use during the manufacturing of components and the final product at Intra.	Energy use, possibly water use, chemical use/other resource use linked to waste management from products and materials (incl. energy recovery).
	C4 – Waste disposal
	Nothing is assumed to end up in landfill.
D – Benefits and burdens beyond the system boundary	
Benefits from the recycling of the material and energy recovery. Steel, paperboard and plastics are recycled in various extent. These and other input materials are used for energy recovery.	

# Environmental performance

## More information:

For biogenic emissions in module A1: The boxes are made from cardboard, with data taken from an EPD of a similar product (NEPD-7868-7540). The biogenic emission is -3.743 kgCO<sub>2</sub>eq/kg, and since 1.3 kg cardboard is used, this equals -4.756 kgCO<sub>2</sub>eq. Including smaller emissions from other sources, the total is -4.36 kgCO<sub>2</sub>eq.

Scrap steel is created as a co-product in module A3, all environmental impact is allocated to the kitchen sink. Resources used in production such as diesel, hydraulic oil and coolant is included in A3. Biogenic carbon in the packaging has been balanced out by adding virtual biogenic CO<sub>2</sub> emissions in module A3.

90 % of input steel come from recycled sources and thereby make up more than 10 % of the GWP-GHG results of modules A1-A3. All steel is recycled along with a share of plastic and paperboard.

Gathered data from Intra Mölntorp production, EPDs and Ecoinvent data was mainly used as input data for the study.

Infrastructure, capital goods and human activity is mainly excluded from the scope of the study with the exception of upstream infrastructure emissions from electricity which are included.

## Electricity

used at the manufacturing facility is 100 % hydro powered as showed by guarantees of origin and the emissions from constructing the related infrastructure are included.

The total share of primary data contributing to the declared GWP-GHG results of module A1-A3 is 44 %.

The product does not contain any substances of Very High Concern (SVHCs)

## **C1**

In module C1 the disassembly of the kitchen sink is assumed to be done by hand and as human labour is excluded from the study all impact indicators are set to zero for the module.

## **C2**

Transportation to the waste handling facilities are based on standard values in PCR 2019:14 version 2.0.1 for distances to incineration and not incineration, 130 and 80 km respectively.

Material	Recycled	Incinerated
Steel	100%	0%
Aluminium	100%	0%
Adhesive glue	100%	0%
Polypropylene	26%	74%

## **C3**

Disassembling of plastic pipes from the steel frame of the kitchen sink is done by hand. The aluminum that is attached to the steel is not disassembled from it. The steel and aluminum is purchased as scrap metal by an external party and leaves the product system here. The plastic is partly recycled and partly incinerated. 99 % of steel is recycled but for simplicity 100 % recycling is assumed to be recycled.

**D**

Paperboard and plastic packaging at the production site is recycled. Other waste is incinerated. At end of life all steel is recycled along with 26 % of polypropylene while the remaining polypropylene is incinerated. Aluminum and adhesive glue is not separated from the steel but is melted down along with the steel.

	Product stage			Distribution/ installation stage		Use stage							End-of-life stage				Beyond product life cycle
	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	EU 27	EU 27	SE	ND	ND	ND	ND	ND	ND	ND	ND	ND	SE	SE	SE	SE	SE
Share of primary data	58%			ND	ND	-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	-33%/+24%			ND	ND	-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	0%			ND	ND	-	-	-	-	-	-	-	-	-	-	-	-

## Results of the LCA – Environmental impact of one average kitchen sink

Core impact indicators									
Parameter	Unit	A1	A2	A3	C1	C2	C3	C4	D
GWP-total	[kg CO <sub>2</sub> eq.]	2,55E+01	1,73E-01	6,191101	0,00E+00	1,01E-02	2,56E-01	0,00E+00	-3,58E-01
GWP-fossil	[kg CO <sub>2</sub> eq.]	3,00E+01	1,71E-01	2,20536	0,00E+00	9,93E-03	2,56E-01	0,00E+00	-3,55E-01
GWP-biogenic	[kg CO <sub>2</sub> q.]	-4,36E+00	1,05E-03	2,358896	0,00E+00	6,09E-05	0,00E+00	0,00E+00	-1,95E-03
GWP-luluc	[kg CO <sub>2</sub> eq.]	2,65E-01	4,09E-04	1,626442	0,00E+00	2,37E-05	1,82E-06	0,00E+00	-1,09E-03
ODP	[kg CFC-11 eq.]	7,69E-05	1,01E-14	24,59531	0,00E+00	5,86E-16	6,80E-10	0,00E+00	1,97E+00
AP	[Mole of H <sup>+</sup> eq.]	2,27E+00	4,09E-03	0,009812	0,00E+00	2,37E-04	4,86E-05	0,00E+00	-8,20E-03
EP-freshwater	[kg P eq.]	2,74E+00	2,41E-07	0,00083	0,00E+00	1,40E-08	4,53E-08	0,00E+00	-6,93E-05
EP-marine	[kg N eq.]	2,61E-02	1,18E-03	0,012597	0,00E+00	6,83E-05	2,27E-05	0,00E+00	-1,03E-03
EP-terrestrial	[Mole of N eq.]	2,87E-01	1,30E-02	0,050395	0,00E+00	7,51E-04	2,33E-04	0,00E+00	-3,86E-02
POCP	[kg NMVOC eq.]	1,15E-01	3,12E-03	0,017763	0,00E+00	1,81E-04	6,94E-05	0,00E+00	-3,70E-03
ADP – elements	[kg Sb eq.]	1,83E-01	9,77E-09	0,012638	0,00E+00	5,66E-10	1,33E-08	0,00E+00	-1,01E-05
ADP – fossil fuels	[MJ]	4,45E+02	2,18E+00	31,85302	0,00E+00	1,27E-01	5,62E-02	0,00E+00	-2,85E+01
WDP	[m <sup>3</sup> world eq.]	4,50E+02	8,34E-04	52,68134	0,00E+00	4,83E-05	1,35E-03	0,00E+00	-6,06E-01
GWP-GHG	[kg CO <sub>2</sub> eq.]	3,02E+01	1,73E-01	6,191101	0,00E+00	1,01E-02	2,56E-01	0,00E+00	-3,58E-01
GWP-total=Global warming potential GWP-fossil=Global warming potential - Fossil GWP-biogenic=Global warming potential - Biogenic GWP-luluc=Global warming potential - Land use and land use change ODP=Ozone layer depletion AP=Acidification of soil and water EP-freshwater =Eutrophication, freshwater EP-m=Eutrophication marine EP-t=Eutrophication, terrestrial POCP=Photochemical oxidants creation ADP-elements=Depletion of abiotic resources-elements ADP-fossil fuels=Depletion of abiotic resources-fossil fuels WDP=Water deprivation potential									



**Resource impact indicators**

Parameter	Unit	A1	A2	A3	C1	C2	C3	C4	D
PERE	[MJ]	1,46E+02	6,03E-02	151,89	0,00E+00	3,49E-03	1,02E-03	0,00E+00	-1,95E+00
PERM	[MJ]	6,05E+01	0,00E+00	19,06017	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	2,07E+02	6,03E-02	170,9502	0,00E+00	3,49E-03	1,02E-03	0,00E+00	-1,95E+00
PENRE	[MJ]	3,47E+02	2,18E+00	2,432096	0,00E+00	1,27E-01	5,62E-02	0,00E+00	-2,64E+01
PENRM	[MJ]	6,93E+01	0,00E+00	51,0719	0,00E+00	0,00E+00	-9,91E+00	0,00E+00	-1,09E+01
PENRT	[MJ]	4,17E+02	2,18E+00	53,504	0,00E+00	1,27E-01	-9,84E+00	0,00E+00	-3,73E+01
SM	[kg]	3,49E+00	0,00E+00	3,355004	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,01E+00
RSF	[MJ]	3,55E-01	0,00E+00	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	5,29E-02	0,00E+00	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m³]	1,02E+00	7,01E-05	0,083167	0,00E+00	4,06E-06	4,57E-05	0,00E+00	0,00E+00

PERE=renewable primary energy ex. raw materials  
 PERM=renewable primary energy used as raw materials  
 PERT=renewable primary energy total  
 PENRE=non-renewable primary energy ex. raw materials  
 PENRM=non-renewable primary energy used as raw materials  
 PENRT=non-renewable primary energy total  
 SM=use of secondary material  
 RSF=use of renewable secondary fuels  
 NRSF=use of non-renewable secondary fuels  
 FW=use of net fresh water

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



### Waste indicators

Parameter	Unit	A1	A2	A3	C1	C2	C3	C4	D
HWD	[kg]	1,20E+00	9,62E-12	4,51E-01	0,00E+00	5,57E-13	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	8,89E+00	2,54E-04	1,73E+00	0,00E+00	1,47E-05	0,00E+00	0,00E+00	0,00E+00
RWD	[kg]	2,42E-03	2,58E-06	0,00E+00	0,00E+00	1,50E-07	0,00E+00	0,00E+00	0,00E+00
HWD=hazardous waste disposed NHWD=non-hazardous waste disposed RWD=radioactive waste disposed									

### Output flows indicators

Parameter	Unit	A1	A2	A3	C1	C2	C3	C4	D
CRU	[kg]	1,32E-01	0,00E+00	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	1,10E+00	0,00E+00	2,03E-01	0,00E+00	0,00E+00	5,23E+00	0,00E+00	0,00E+00
MER	[kg]	3,65E-02	0,00E+00	1,75E+00	0,00E+00	0,00E+00	7,37E-01	0,00E+00	0,00E+00
EEE	[MJ]	2,00E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,19E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,30E+00	0,00E+00	0,00E+00
CRU=Components for re-use MFR=Materials for recycling MER=Materials for energy recovery EEE=Exported energy, electric EET=Exported energy, thermal									

### Biogenic carbon content

Parameter	Unit	Quantity
Biogenic carbon content in product	[kg C]	0
Biogenic carbon content in packaging	[kg C]	5,63E-01

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

Conversion factors are to be used to convert results of impact indicators of different models.

Product model	Conversion factor
OM42SF	0,67051696
OM600SF	0,82777858
OM60SHF	0,94131091
OM78SXHF	1,1129354
OM78DF	1,16159731
OM97SXF	0,99815808
OM97SXHF	1,19399794
OM97DF	1,24265985
OM97SHF	1,11169041
FR78D	0,67051696
FR78SXH	0,82777858
FR60SX	0,94131091
FR60SH	1,1129354
FR97SX	1,16159731
FR97SXH	0,99815808
FR97SH	1,19399794
FR97D	1,24265985
NIV62SHF	0,67051696
NIVD82SF	0,82777858
NIVD82SHF	0,94131091
NIV82DF	1,1129354
NIVD112DF	1,16159731

# Additional information

Declaration of data sources of modules A1 – A3.

Material/process	Source type	Source	Reference year	Data category	Share of primary data, of GWP-GHG results for A1-A3
Material in product	Collected data	EPD owner	2023	Primary data	-
Aluminum	EPD	S-P-07377	2022	Primary data, secondary data	3 %
Steel supplier 1	EPD	EPD-IES-0017264	2023	Primary data, secondary data	10 %
Steel supplier 2	EPD	S-P-08506	2022	Primary data, secondary data	29 %
Polypropylene	Database, ECO Portal	Corrugated plastic pipes ( Pecor )	2023	Proxy	0 %
EPS	EPD	EPD-IVH-20220132-CBG1-DE	2021	Primary data, secondary data	3 %
Paperboard	Database, ECO Portal	PetaFresh - seafood packaging in corrugated cardboard + lid, 15 kg	2024	Proxy data	0 %
Transport distance	Collected data	Google Earth, LCA practitioner	2023	Primary data	-
Impact of transport	EPD	S-P-07377	2022	Primary data	0,5 %
Material and energy in production	Collected data	EPD owner	2023	Primary data	-
Electricity used in manufacturing of product	Collected data, Guarantee of origin	EPD Owner	2023	Primary data	-
Water, Hydraulic oil, Diesel, Refrigerant, Paperboard, Plastic, Lighting, Waste, Hydro electricity, Transport, Steel	Database	Ecoinvent v3.9.1	2022	Primary data	16 %

## References

PCR 2019:14 Construction products 2.0.1  
 ECO Platform LCA calculation rules and Specifications for EPDs 2.0  
 EN 15804:2012+A2:2019/AC:2021  
 EN 15941:2024  
 General Program Instructions 5.1  
 ISO 14025  
 ISO 14040  
 ISO 14044

Intra Mölntorp AB is constantly working to minimize the environmental impact from our products.

All scrap and leftover material are recycled or reused in other products to the greatest extent possible and we are always trying to come up with new ideas to minimize our footprint.

# Abbreviations

Abbreviation	
EPD	Environmental Product Declaration
LCA	Life Cycle Assessment
PCR	Product Category Rules
GWP	Global Warming Potential
GHG	Green House Gases

# Version history

- This is the original version of the EPD dated: 2025-10-06





# Products covered by this EPD

Below are all the main model names covered by this EPD listed.

The EPD also covers their sub-models which can be different flanges, right and left models and with or without tap holes.

Omnia	Frame	Nivis
OM42SF	FR78D	NIV62SHF
OM600SF	FR78SXH	NIVD82SF
OM60SHF	FR60SX	NIVD82SHF
OM78SXHF	FR60SH	NIV82DF
OM78DF	FR97SX	NIVD112DF
OM97SXF	FR97SXH	
OM97SXHF	FR97SH	
OM97DF	FR97D	
OM97SHF		



