

Environmental product declaration

in accordance with ISO 14025 and EN 15804+A2

Monroe chair





The Norwegian EPD Foundation

Owner of the declaration:

Kinnarps AB

Product:

Monroe chair

Declared unit:

1 pcs

This declaration is based on Product Category Rules:

CEN Standard EN 15804:2012+A2:2019 serves as core PCR

NPCR 026:2022 Part B for Furniture

Program operator:

The Norwegian EPD Foundation

Declaration number:

NEPD-11968-11947

Registration number:

NEPD-11968-11947

Issue date:

08.08.2025

Valid to:

08.08.2030

EPD software:

LCAno EPD generator ID: 1004701

General information

Product

Monroe chair

Program operator:

The Norwegian EPD Foundation
Post Box 5250 Majorstuen, 0303 Oslo, Norway
Phone: +47 977 22 020
web: www.epd-norge.no

Declaration number:

NEPD-11968-11947

This declaration is based on Product Category Rules:

CEN Standard EN 15804:2012+A2:2019 serves as core PCR
NPCR 026:2022 Part B for Furniture

Statement of liability:

The owner of the declaration shall be liable for the underlying information and evidence. EPD Norway shall not be liable with respect to manufacturer information, life cycle assessment data and evidences.

Declared unit:

1 pcs Monroe chair

Declared unit (cradle to gate) with option:

A1-A3, A4, A5, B2, B3, B4, C1, C2, C3, C4, D

Functional unit:

Production of one chair, provided and maintained for a period of 15 years.

General information on verification of EPD from EPD tools:

Independent verification of data, other environmental information and the declaration according to ISO 14025:2010, § 8.1.3 and § 8.1.4. Verification of each EPD is made according to EPD-Norway's guidelines for verification and approval requiring that tools are i) integrated into the company's environmental management system, ii) the procedures for use of the EPD tool are approved by EPD-Norway, and iii) the process is reviewed annually by an independent third party verifier. See Appendix G of EPD-Norway's General Programme Instructions for further information on EPD tools

Verification of EPD tool:

Independent third party verification of the EPD tool, background data and test-EPD in accordance with EPDNorway's procedures and guidelines for verification and approval of EPD tools.

Third party verifier:

Elisabet Amat, GREENIZE projects

(no signature required)

Owner of the declaration:

Kinnarps AB
Contact person: Johanna Ljunggren - Corporate Sustainability Manager
Phone: +46 515 381 21
e-mail: johanna.ljunggren@kinnarps.se

Manufacturer:

Kinnarps AB

Place of production:

Kinnarps AB
Industrigatan
521 88 Kinnarp, Sweden

Management system:

ISO 9001, ISO 14001, ISO 45001

Organisation no:

556256-6736

Issue date:

08.08.2025

Valid to:

08.08.2030

Year of study:

2024

Comparability:

EPD of construction products may not be comparable if they not comply with EN 15804 and seen in a building context.

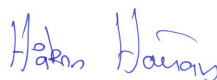
Development and verification of EPD:

The declaration is created using EPD tool lca.tools ver EPD2022.03, developed by LCA.no. The EPD tool is integrated in the company's management system, and has been approved by EPD Norway.

Developer of EPD: Rickard Thil

Reviewer of company-specific input data and EPD: Johanna Ljunggren

Approved:



Håkon Hauan, CEO EPD-Norge

Product

Product description:

Monroe 967 XBASE in 100% recycled polyester fabric and aluminum starbase with castors.

Monroe is our classic meeting and conference chair that is ideal for different types of meeting areas, meeting rooms or touch-down spaces for shorter periods of work. It's a soft, comfortable and fully upholstered chair where every curve has a meaning and each line a purpose.

Monroe is a sustainable choice and has been designed to last a long time in terms of look and functionality. It also carries the Möbelfakta label – a guarantee not only of non-toxic materials but also compliance with European quality and safety requirements for public spaces. The chair is comprised of a limited number of components, all of which can be replaced, updated and recycled, making it circular and sustainable in the long term.

<https://www.kinnarps.com/products/seating/chairs/monroe/>

Product specification

There are four different underframes to choose from: 4 legs, 4 legs with castors, sledge or 5-star base with castors.

The seat unit is moulded in High Resilience (HR) Foam, a foam with high responsiveness and shape stability, which quickly recovers its shape

The back has a natural springiness that counteracts static sitting and increases blood circulation. With a 5-star base, Monroe is height adjustable for individual adaptation of the seat height. Its swivel function and castors make the chair easy to move and customise for different situations.

This EPD includes the following variants:

967 XBASE - with wool blend fabric

966 4 legs - with 100% recycled polyester fabric

966A 4 legs - with armrests and 100% recycled polyester fabric

966C 4 legs - with castors and 100% recycled polyester fabric

966 SLEDGE - with 100% recycled polyester fabric

Materials	kg	%	Recycled share in material (kg)	Recycled share in material (%)
Additives	0,562	5,35	0,00	0,00
Chemical	0,938	8,94	0,00	0,00
Metal - Aluminium	0,6212	5,92	0,6026	97,01
Metal - Steel	6,92	65,94	1,25	18,00
Metal - Steel low alloy	0,528	5,03	0,528	100,00
Plastic - Nylon (PA)	0,0602	0,5736	0,00	0,00
Plastic - Polypropylene (PP)	0,2	1,91	0,00	0,00
Powder coating	0,103	0,9814	0,00	0,00
Textile - Polyester	0,394	3,75	0,378	95,94
Textile - Polypropylene (PP)	0,038	0,3621	0,00	0,00
Thermoplastic elastomers (TPE)	0,13	1,24	0,00	0,00
Total	10,50	100,00	2,75	

Technical data:

Certifications:

Möbelfakta

Fulfilled technical standards:

EN 16139 Strength, durability and safety - Requirements for non-domestic seating.

Market:

Mainly Europe, but is available world wide.

Reference service life, product

15 years.

Reference service life, building

LCA: Calculation rules

Declared unit:

1 pcs Monroe chair

Cut-off criteria:

All major raw materials and all the essential energy is included. The production processes for raw materials and energy flows with very small amounts (less than 1%) are not included. These cut-off criteria do not apply for hazardous materials and substances.

Allocation:

The allocation is made in accordance with the provisions of EN 15804. Incoming energy and water and waste production in-house is allocated equally among all products through mass allocation. Effects of primary production of recycled materials is allocated to the main product in which the material was used. The recycling process and transportation of the material is allocated to this analysis.

Data quality:

Specific data for the product composition are provided by the manufacturer. They represent the production of the declared product and were collected for EPD development in the year of study. Background data is based on registered EPDs according to EN 15804, Ostfold Research databases, ecoinvent and other LCA databases. The data quality of the raw materials in A1 is presented in the table below.

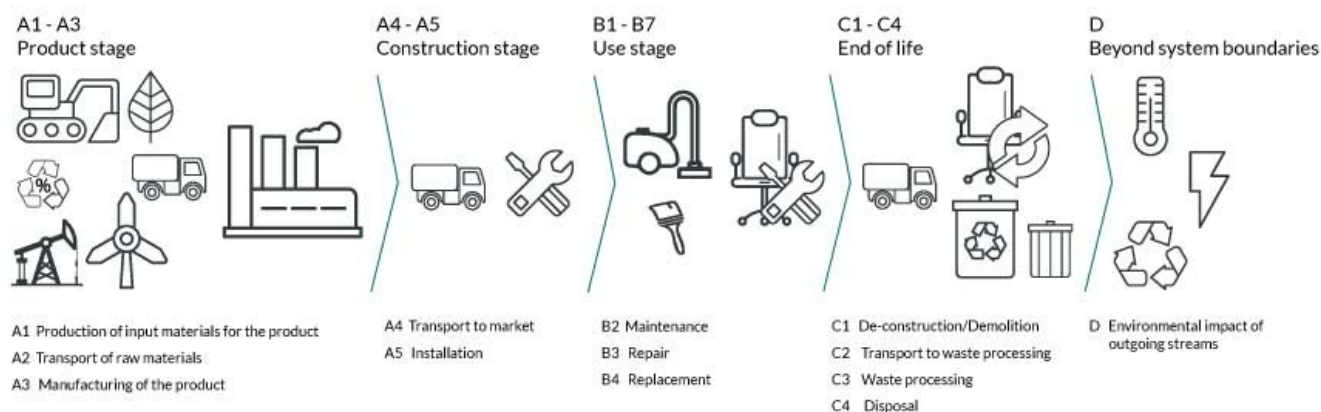
Materials	Source	Data quality	Year
Additives	Ecoinvent 3.6	Database	2019
Chemical	Ecoinvent 3.6	Database	2019
Metal - Aluminium	ecoinvent 3.6	Database	2019
Metal - Steel	ecoinvent 3.6	Database	2019
Metal - Steel	SSAB	Specific	2020
Metal - Steel low alloy	ecoinvent 3.6	Database	2019
Plastic - Nylon (PA)	ecoinvent 3.6	Database	2019
Plastic - Polypropylene (PP)	ecoinvent 3.6	Database	2019
Powder coating	ecoinvent 3.6	Database	2019
Textile - Polyester	ecoinvent 3.6	Database	2019
Textile - Polyester	SCS-EPD-08784	EPD	2020
Textile - Polypropylene (PP)	ecoinvent 3.6	Database	2019
Thermoplastic elastomers (TPE)	ecoinvent 3.6	Database	2019

System boundaries (X=included, MND=module not declared, MNR=module not relevant)

Product stage			Construction installation stage		Use stage							End of life stage				Beyond the system boundaries
Raw materials	Transport	Manufacturing	Transport	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse-Recovery-Recycling-potential
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
X	X	X	X	X	MND	X	X	X	MND	MND	MND	X	X	X	X	X

System boundary:

Certain steel components are manufactured at Kinnarps' production site in Jönköping and some are purchased as premanufactured components. The upholstery and certain plastic components are manufactured at Kinnarps' production site in Skillingaryd, where the fabric is also processed and where the final assembly takes place. The product is then delivered to the customer from Kinnarps' production site in Kinnarp.



Additional technical information:

LCA: Scenarios and additional technical information

The following information describe the scenarios in the different modules of the EPD.

The product is shipped to the consumer in Kinnarps' trucks with blankets and cardboard sheets as packaging material which is returned to the factory after delivery and reused. This method saves 270 kg of packaging material per container and enables 50% more products to be transported in each truck. Kinnarps' trucks have a load efficiency of approximately 87 % and are run on a fuel with renewable content (HVO).

The maintenance scenario includes vacuum cleaning of textiles once a week for the whole reference service life.

For more information about sustainability at Kinnarps, visit <https://www.kinnarps.com/about-kinnarps/sustainability/>

Transport from production place to user (A4)	Capacity utilisation (incl. return) %	Distance (km)	Fuel/Energy Consumption	Unit	Value (Liter/tonne)
Truck, over 32 tonnes, HVO, EURO 6 (kgkm)	53,3 %	300	0,023	l/tkm	6,90
Maintenance (B2)	Unit	Value			
Electricity, European average (kWh)	kWh	11,70			
Transport to waste processing (C2)	Capacity utilisation (incl. return) %	Distance (km)	Fuel/Energy Consumption	Unit	Value (Liter/tonne)
Truck, over 32 tonnes, EURO 6 (km)	53,3 %	85	0,023	l/tkm	1,96
Waste processing (C3)	Unit	Value			
Waste, materials to recycling (kg)	kg	2,59			
Waste treatment per kg Scrap steel, incineration with fly ash extraction (kg)	kg	7,45			
Waste treatment per kg Textile, incineration with fly ash extraction (kg)	kg	0,432			
Waste treatment per kg Polyurethane (PU), incineration (kg)	kg	0,938			
Waste treatment per kg Scrap aluminium, incineration with fly ash extraction (kg)	kg	0,6212			
Waste treatment per kg Polypropylene (PP), incineration with fly ash extraction - C3 (kg)	kg	0,33			
Waste treatment per kg Plastics, Mixture, municipal incineration with fly ash extraction (kg)	kg	0,01			
Waste treatment per kg Non-hazardous waste, incineration with fly ash extraction - C3 (kg)	kg	0,1532			
Disposal (C4)	Unit	Value			
Landfilling of ashes and residues from incineration of Scrap steel (kg)	kg	4,92			
Landfilling of ashes from incineration of Textile, soiled, process per kg ashes and residues (kg)	kg	0,0217			
Landfilling of ashes from incineration of Polyurethane (PU), process per kg ashes and residues - C4 (kg)	kg	0,03556			
Landfilling of ashes and residues from incineration of Scrap aluminium (kg)	kg	0,5567			
Landfilling of ashes from incineration of Polypropylene, PP, process per kg ashes and residues - C4 (kg)	kg	0,009821			
Landfilling of ashes from incineration of Plastics, Mixture, municipal incineration with fly ash extraction, process per kg ashes and residues - C4 (kg)	kg	0,0003497			
Landfilling of ashes from incineration of Non-hazardous waste, process per kg ashes and residues - C4 (kg)	kg	0,03635			
Benefits and loads beyond the system boundaries (D)	Unit	Value			
Substitution of primary steel with net scrap (kg)	kg	1,26			
Substitution of electricity, in Norway (MJ)	MJ	2,35			
Substitution of thermal energy, district heating, in Norway (MJ)	MJ	35,61			
Substitution of primary aluminium with net scrap (kg)	kg	0,001931			

LCA: Results

The LCA results are presented below for the declared unit defined on page 2 of the EPD document.

Environmental impact							
Indicator	Unit	A1-A3	A4	A5	B2	B3	
GWP-total	kg CO ₂ -eq	4,25E+01	7,80E-02	0	5,01E+00	0	
GWP-fossil	kg CO ₂ -eq	4,18E+01	7,77E-02	0	4,96E+00	0	
GWP-biogenic	kg CO ₂ -eq	6,40E-01	1,15E-04	0	3,49E-02	0	
GWP-luluc	kg CO ₂ -eq	8,08E-02	8,84E-05	0	1,15E-02	0	
ODP	kg CFC11 -eq	3,56E-06	1,91E-08	0	4,20E-07	0	
AP	mol H ⁺ -eq	2,04E-01	5,63E-04	0	2,90E-02	0	
EP-FreshWater	kg P -eq	3,39E-03	2,40E-06	0	5,30E-04	0	
EP-Marine	kg N -eq	4,39E-02	1,61E-04	0	3,68E-03	0	
EP-Terrestrial	mol N -eq	4,33E-01	1,79E-03	0	4,53E-02	0	
POCP	kg NMVOC -eq	1,52E-01	6,83E-04	0	1,15E-02	0	
ADP-minerals&metals ¹	kg Sb-eq	3,15E-03	5,28E-06	0	3,64E-05	0	
ADP-fossil ¹	MJ	6,43E+02	1,75E+00	0	1,02E+02	0	
WDP ¹	m ³	9,64E+03	3,52E+00	0	1,54E+03	0	

Indicator	Unit	B4	C1	C2	C3	C4	D
GWP-total	kg CO ₂ -eq	0	0	7,85E-02	4,42E+00	6,25E-02	-1,62E+00
GWP-fossil	kg CO ₂ -eq	0	0	7,85E-02	3,79E+00	6,24E-02	-1,61E+00
GWP-biogenic	kg CO ₂ -eq	0	0	3,36E-05	6,33E-01	4,91E-05	-1,27E-03
GWP-luluc	kg CO ₂ -eq	0	0	2,39E-05	3,28E-05	1,87E-05	-8,06E-03
ODP	kg CFC11 -eq	0	0	1,89E-08	1,95E-08	1,91E-08	-1,50E-02
AP	mol H ⁺ -eq	0	0	2,53E-04	2,70E-03	4,38E-04	-8,70E-03
EP-FreshWater	kg P -eq	0	0	6,24E-07	2,34E-06	6,26E-07	-1,04E-04
EP-Marine	kg N -eq	0	0	5,53E-05	1,44E-03	1,56E-04	-2,00E-03
EP-Terrestrial	mol N -eq	0	0	6,17E-04	1,40E-02	1,73E-03	-2,07E-02
POCP	kg NMVOC -eq	0	0	2,42E-04	3,41E-03	4,97E-04	-8,65E-03
ADP-minerals&metals ¹	kg Sb-eq	0	0	1,40E-06	8,40E-07	1,07E-06	-2,59E-05
ADP-fossil ¹	MJ	0	0	1,27E+00	1,56E+00	1,41E+00	-1,48E+01
WDP ¹	m ³	0	0	9,77E-01	3,40E+00	2,87E+00	2,53E+01

GWP-total = Global Warming Potential total; 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

"Reading example: 9,0 E-03 = 9,0*10⁻³ = 0,009"

*INA Indicator Not Assessed

1. 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 experienced with the indicator

Remarks to environmental impacts

Additional environmental impact indicators

Indicator	Unit	A1-A3	A4	A5	B2	B3
 PM	Disease incidence	2,66E-06	2,23E-08	0	7,60E-08	0
 IRP ²	kgBq U235 -eq	4,34E+00	6,15E-03	0	8,97E-01	0
 ETP-fw ¹	CTUe	1,53E+03	2,24E+00	0	7,17E+01	0
 HTP-c ¹	CTUh	1,93E-07	0,00E+00	0	2,00E-09	0
 HTP-nc ¹	CTUh	1,45E-06	3,18E-09	0	6,91E-08	0
 SQP ¹	dimensionless	2,92E+02	4,80E+00	0	2,47E+01	0

Indicator	Unit	B4	C1	C2	C3	C4	D
 PM	Disease incidence	0	0	7,21E-09	2,20E-08	7,99E-09	-2,19E-07
 IRP ²	kgBq U235 -eq	0	0	5,57E-03	3,04E-03	5,67E-03	-1,48E-02
 ETP-fw ¹	CTUe	0	0	9,32E-01	1,36E+01	8,48E-01	-9,36E+01
 HTP-c ¹	CTUh	0	0	0,00E+00	5,84E-10	3,00E-11	-7,00E-09
 HTP-nc ¹	CTUh	0	0	9,01E-10	1,09E-08	8,24E-10	1,29E-07
 SQP ¹	dimensionless	0	0	1,46E+00	2,28E-01	3,08E+00	-2,06E+01

PM = Particulate Matter emissions; IRP = Ionizing radiation – human health; ETP-fw = Eco toxicity – freshwater; HTP-c = Human toxicity – cancer effects; HTP-nc = Human toxicity – non cancer effects; SQP = Soil Quality (dimensionless)

"Reading example: 9,0 E-03 = 9,0*10⁻³ = 0,009"

*INA Indicator Not Assessed

1. 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 experienced with the indicator
2. 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							
Indicator	Unit	A1-A3	A4	A5	B2	B3	
 PERE	MJ	1,16E+02	5,96E-02	0	1,98E+01	0	
 PERM	MJ	1,03E+00	0,00E+00	0	0,00E+00	0	
 PERT	MJ	1,17E+02	5,96E-02	0	1,98E+01	0	
 PENRE	MJ	6,33E+02	1,75E+00	0	1,03E+02	0	
 PENRM	MJ	3,85E+01	0,00E+00	0	0,00E+00	0	
 PENRT	MJ	6,72E+02	1,75E+00	0	1,03E+02	0	
 SM	kg	2,87E+00	0,00E+00	0	0,00E+00	0	
 RSF	MJ	8,03E-01	1,89E-03	0	1,45E+00	0	
 NRSF	MJ	3,54E+00	6,04E-03	0	3,44E-01	0	
 FW	m ³	6,11E-01	6,31E-04	0	8,69E-02	0	

Indicator	Unit	B4	C1	C2	C3	C4	D
 PERE	MJ	0	0	1,60E-02	5,51E-02	2,66E-02	-1,93E+01
 PERM	MJ	0	0	0,00E+00	-9,05E-01	0,00E+00	0,00E+00
 PERT	MJ	0	0	1,60E-02	-8,50E-01	2,66E-02	-1,93E+01
 PENRE	MJ	0	0	1,27E+00	1,58E+00	1,42E+00	-1,48E+01
 PENRM	MJ	0	0	0,00E+00	-1,38E+01	0,00E+00	0,00E+00
 PENRT	MJ	0	0	1,27E+00	-1,22E+01	1,42E+00	-1,48E+01
 SM	kg	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00
 RSF	MJ	0	0	5,61E-04	1,25E-03	7,05E-04	4,68E-02
 NRSF	MJ	0	0	1,88E-03	0,00E+00	3,53E-02	3,76E-01
 FW	m ³	0	0	1,45E-04	4,50E-03	1,28E-03	-2,53E-02

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 materials; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Net use of fresh water

"Reading example: 9,0 E-03 = 9,0*10⁻³ = 0,009"

*INA Indicator Not Assessed

End of life - Waste							
Indicator		Unit	A1-A3	A4	A5	B2	B3
	HWD	kg	6,32E-01	2,26E-04	0	1,54E-02	0
	NHWD	kg	1,63E+01	3,94E-01	0	3,47E-01	0
	RWD	kg	5,78E-03	8,17E-06	0	7,32E-04	0

Indicator		Unit	B4	C1	C2	C3	C4	D
	HWD	kg	0	0	6,97E-05	0,00E+00	5,52E+00	-7,27E-03
	NHWD	kg	0	0	1,11E-01	1,53E-01	6,77E-02	-6,41E-01
	RWD	kg	0	0	8,70E-06	0,00E+00	8,73E-06	-1,25E-05

HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed

"Reading example: 9,0 E-03 = $9,0 \cdot 10^{-3}$ = 0,009"

*INA Indicator Not Assessed

End of life - Output flow							
Indicator		Unit	A1-A3	A4	A5	B2	B3
	CRU	kg	0,00E+00	0,00E+00	0	0,00E+00	0
	MFR	kg	2,40E+00	0,00E+00	0	0,00E+00	0
	MER	kg	4,96E-01	0,00E+00	0	0,00E+00	0
	EEE	MJ	2,95E-01	0,00E+00	0	0,00E+00	0
	EET	MJ	4,46E+00	0,00E+00	0	0,00E+00	0

Indicator		Unit	B4	C1	C2	C3	C4	D
	CRU	kg	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00
	MFR	kg	0	0	0,00E+00	2,59E+00	0,00E+00	0,00E+00
	MER	kg	0	0	0,00E+00	9,93E+00	0,00E+00	0,00E+00
	EEE	MJ	0	0	0,00E+00	2,40E+00	0,00E+00	0,00E+00
	EET	MJ	0	0	0,00E+00	3,63E+01	0,00E+00	0,00E+00

CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported energy electrical; EET = Exported energy thermal

"Reading example: 9,0 E-03 = $9,0 \cdot 10^{-3}$ = 0,009"

*INA Indicator Not Assessed

Biogenic Carbon Content		
Indicator	Unit	At the factory gate
Biogenic carbon content in product	kg C	0,00E+00
Biogenic carbon content in accompanying packaging	kg C	0,00E+00

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

Additional requirements

Greenhouse gas emissions from the use of electricity in the manufacturing phase

National production mix from import, low voltage (production of transmission lines, in addition to direct emissions and losses in grid) of applied electricity for the manufacturing process (A3).

Electricity mix	Source	Amount	Unit
Electricity, Sweden (kWh)	ecoinvent 3.6	54,94	g CO ₂ -eq/kWh

Dangerous substances

The product contains substances given by the REACH Candidate list that are less than 0,1 % by weight.

Indoor environment

The product is low-emitting and tested according to Swedish Möbelfakta.

Additional Environmental Information

Key Environmental Indicators

Key environmental performance indicators	Unit	Product stage	Construction stage		Use stage			End-of-life				Net benefits and loads from reuse, recovery, and/or recycling
		A1-A3	A4	A5	B2	B3	B4	C1	C2	C3	C4	D
GWPtotal	kg CO ₂ -eq	42,48	0,08	0,00	5,01	0,00	0,00	0,00	0,08	4,42	0,06	-1,62
Total energy consumption	MJ	753,83	1,82	0,00	124,17	0,00	0,00	0,00	1,29	1,64	1,48	-33,66
Share of recycled materials	%	26,14										

Additional environmental impact indicators required in NPCR Part A for construction products

Indicator	Unit	A1-A3	A4	A5	B2	B3
GWPIOBC	kg CO ₂ -eq	4,24E+01	7,79E-02	0	5,37E+00	0

Indicator	Unit	B4	C1	C2	C3	C4	D
GWPIOBC	kg CO ₂ -eq	0	0	7,85E-02	4,49E+00	6,43E-02	-1,79E+00

GWPI-IOBC: Global warming potential calculated according to the principle of instantaneous oxidation. In order to increase the transparency of biogenic carbon contribution to climate impact, the indicator GWP-IOBC is required as it declares climate impacts calculated according to the principle of instantaneous oxidation. GWP-IOBC is also referred to as GWP-GHG in context to Swedish public procurement legislation.

Variants and Options

Key environmental indicators (A1-A3) for variants of this EPD

Variants	Weight (kg)	GWPtotal (kg CO ₂ -eq)	Total energy consumption (MJ)	Amount of recycled materials (%)
967 XBASE - with wool blend fabric	10,70	73,91	924,52	22,28
966 4 legs - with 100% recycled polyester fabric	9,20	37,39	658,36	20,93
966A 4 legs - with armrests and 100% recycled polyester fabric	10,40	42,36	744,67	20,77
966C 4 legs - with castors and 100% recycled polyester fabric	9,50	38,49	685,09	21,33
966 SLEDGE - with 100% recycled polyester fabric	9,60	38,81	683,08	21,09

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