epd-global
Powered by EPD-Norway

Environmental product declaration

in accordance with ISO 14025 and EN 15804+A2

Modular Sofa Scandinavia

EPD-Global

Owner of the declaration:
Kinnarps AB

Product:
Modular Sofa Scandinavia

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:
EPD-Global

Declaration number:
NEPD-14826-15529

Issue date:
03.02.2026

Valid to:
03.02.2031

EPD software:
LCAno EPD generator ID: 1387896

General information

Product

Modular Sofa Scandinavia

Owner of the declaration:

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

Program operator:

EPD-Global
Post Box 5250 Majorstuen, 0303 Oslo, Norway
Phone: +47 977 22 020
web: www.epd-global.com

Manufacturer:

Kinnarps AB

Declaration number:

NEPD-14826-15529

Place of production:

Kinnarps AB
Industrigatan
521 88 Kinnarp, Sweden

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

Management system:

ISO 9001, ISO 14001, ISO 45001

Statement of liability:

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

Organisation no:

556256-6736

Declared unit:

1 pcs Modular Sofa Scandinavia

Issue date:

03.02.2026

Declared unit (cradle to gate) with option:

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

Valid to:

03.02.2031

Year of study:

2025

Functional unit:

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

Comparability:

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

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-Global'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-Global, and iii) the process is reviewed annually by an independent third party verifier. See Appendix G of EPD-Global's General Programme Instructions for further information on EPD tools

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-Global.

Developer of EPD: Rickard Thil

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

Verification of EPD tool:

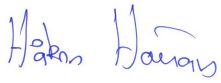
Independent third party verification of the EPD tool, background data and test-EPD in accordance with EPD-Global's procedures and guidelines for verification and approval of EPD tools.

Third party verifier:

Elisabet Amat, GREENIZE projects

(no signature required)

Approved:



Håkon Hauan, CEO EPD-Global

Product

Product description:

Scandinavia armchair 371 with wooden legs and 100% recycled polyester fabric.

Scandinavia, a supremely comfortable sectional sofa, has an understated Scandinavian design with great attention to detail. Its timeless design will never go out of style – but you may eventually want to change the fabric. It therefore has removable upholstery, even on the frame, making it easy to refresh in a simple and cost-effective way. Regularly turning the seat cushions also increases sitting comfort. Many versions can stand alone or be configured into a corner sofa. Nozag spring suspension provides a high level of comfort. The seat cushions are made of generous moulded polyether with good shape stability. A layer of polyester padding is glued on top to make the surface soft and inviting.

https://www.kinnarps.com/products/seating/soft-seating/scandinavia-sofasarmchairbench/

Product specification

This EPD Includes the following variants:
Scandinavia 372 - Wooden legs and recycled polyester fabric
Scandinavia 373 C3 - Wooden legs and recycled polyester fabric
Scandinavia 373 C3 - High wooden legs and recycled polyester fabric
Scandinavia 371 - Metal legs and recycled polyester fabric
Scandinavia 370 - Corner section with wooden legs and recycled polyester fabric
Scandinavia 372R/L - Section for connection with corner section, recycled polyester fabric
Scandinavia 371 - Wooden legs and wool blend fabric
Scandinavia 372 - Wooden legs and wool blend fabric
Scandinavia 373 C3 - Wooden legs and wool blend fabric

Materials	kg	%	Recycled share in material (kg)	Recycled share in material (%)
Kraft paper - Unbleached	0.043	0.136	0.000378	0.8791
Metal - Steel	8.04	25.42	0.1449	1.80
Plastic - Polyamide	0.296	0.936	0.00	0.00
Plastic - Polyethylene (HDPE)	0.112	0.3542	0.00	0.00
Plastic - Polyethylene (LDPE)	0.16	0.5059	0.00	0.00
Plastic - Polyurethane (PUR)	6.65	21.02	0.00	0.00
Textile - Polyester	2.29	7.24	1.71	74.85
Wood - Chipboard	4.74	14.98	2.13	45.00
Wood - High Density Fibreboard (HDF)	1.87	5.92	0.00	0.00
Wood - Plywood	2.64	8.34	0.00	0.00
Wood - Solid oak	2.26	7.13	0.00	0.00
Wood - Solid pine	2.53	8.01	0.00	0.00
Total	31.62	100.00	3.99	

Packaging	kg	%	Recycled share in material (kg)	Recycled share in material (%)
Packaging - Plastic	0.04	100.00	0.00	0.00
Total incl. packaging	31.66	100.00	3.99	

Technical data:

Certifications:
Swedish Möbelfakta

Fullfilled technical standards:
EN 16139:2013 Furniture - Strength, durability and safety - Requirements for non-domestic seating.

Fulfilled fire requirements:
EN 1021-1 Assessment of the ignitability of upholstered furniture – Part 1: Ignition source smouldering cigarette, with Kinnarps standard fabrics,
EN 1021-2 Assessment of the ignitability of upholstered furniture – Part 2: Ignition source match flame equivalent, with Kinnarps standard fabrics.

Market:

Mainly Europe but is available worldwide.

Reference service life, product

15 years.

Reference service life, building

Not relevant.

LCA: Calculation rules

Declared unit:

1 pcs Modular Sofa Scandinavia

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
Kraft paper - Unbleached	ecoinvent 3.6	Database	2019
Metal - Steel	ecoinvent 3.6	Database	2019
Metal - Steel	EPD-IES-0023966	EPD	2023
Metal - Steel	S-P-02242	EPD	2021
Packaging - Plastic	ecoinvent 3.6	Database	2019
Plastic - Polyamide	Modified ecoinvent 3.6	Database	2019
Plastic - Polyethylene (HDPE)	ecoinvent 3.6	Database	2019
Plastic - Polyethylene (LDPE)	ecoinvent 3.6	Database	2019
Plastic - Polyurethane (PUR)	ecoinvent 3.6	Database	2019
Textile - Polyester	ecoinvent 3.6	Database	2019
Textile - Polyester	SCS-EPD-08784	EPD	2020
Wood - Chipboard	Modified ecoinvent 3.6	Database	2019
Wood - High Density Fibreboard (HDF)	ecoinvent 3.6	Database	2019
Wood - Plywood	modified ecoinvent 3.6	Database	2019
Wood - Solid oak	modified ecoinvent 3.6	Database	2019
Wood - Solid pine	modified ecoinvent 3.6	Database	2019

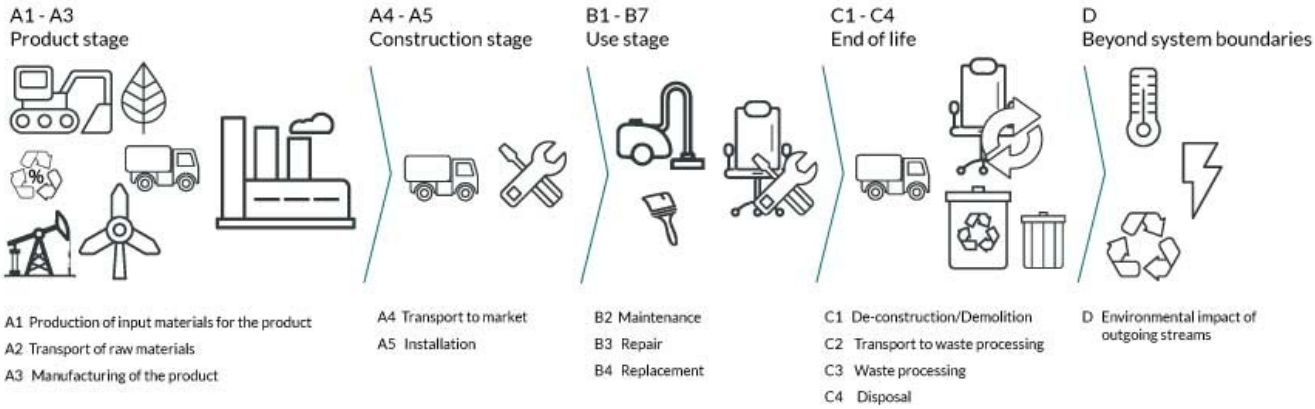
System boundaries (X=included, MND=module not declared, MNR=module not relevant)

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:

The upholstery is manufactured at Kinnarps' production site in Skillingaryd, where final assembly is also done. Some wooden components are manufactured at Kinnarps' production site in Kinnarp and some are purchased as pre-manufactured components. Certain steel components are manufactured at Kinnarps' production site in Jönköping and some are purchased as premanufactured components. The final product is shipped to the customer from Kinnarps production site in Kinnarp.

The flow chart below illustrates the system boundaries of the analysis.



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. The legs are protected with shock reducing packaging, the open variants have cardboard that protect the sides from shocks during transportation. Kinnarps' trucks have a load efficiency of approximately 87 % and are run on a fuel with renewable content (HVO). For more information about sustainability at Kinnarps, visit https://www.kinnarps.com/about-kinnarps/sustainability/.

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

In normal use, no repair or replacement is required during the product's referenced service life.

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 %	300.00	0.023	l/tkm	6.90

Assembly (A5)	Unit	Value			
Waste, packaging, plastic film (LDPE), to average treatment - A5 (kg)	kg	0.04			

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 %	85.00	0.023	l/tkm	1.96

Waste processing (C3)	Unit	Value			
Waste treatment per kg Wood, incineration with fly ash extraction (kg)	kg	14.04			
Waste, materials to recycling (kg)	kg	2.73			
Waste treatment per kg Scrap steel, incineration with fly ash extraction (kg)	kg	8.04			
Waste treatment per kg Textile, incineration with fly ash extraction (kg)	kg	2.29			
Waste treatment per kg Polyurethane (PU), incineration (kg)	kg	6.65			
Waste treatment per kg Polyethylene, PE, incineration with fly ash extraction - C3 (kg)	kg	0.272			
Waste treatment per kg Textile, incineration with fly ash extraction (kg)	kg	0.296			
Waste treatment per kg Paperboard, incineration with fly ash extraction - C3 (kg)	kg	0.043			

Disposal (C4)	Unit	Value			
Landfilling of ashes from incineration of Wood, process per kg ashes and residues (kg)	kg	0.1615			
Landfilling of ashes and residues from incineration of Scrap steel (kg)	kg	5.31			
Landfilling of ashes from incineration of Textile, soiled, process per kg ashes and residues (kg)	kg	0.115			
Landfilling of ashes from incineration of Polyurethane (PU), process per kg ashes and residues - C4 (kg)	kg	0.252			
Landfilling of ashes from incineration of Polyethylene, PE, process per kg ashes and residues - C4 (kg)	kg	0.009586			
Landfilling of ashes from incineration of Textile, soiled, process per kg ashes and residues (kg)	kg	0.01487			
Landfilling of ashes from incineration of Paperboard, process per kg ashes and residues - C4 (kg)	kg	0.0007684			

Benefits and loads beyond the system boundaries (D)	Unit	Value			
Substitution of thermal energy, district heating, in Norway (MJ)	MJ	328.97			
Substitution of electricity, in Norway (MJ)	MJ	21.74			
Substitution of primary steel with net scrap (kg)	kg	1.87			
Substitution of electricity, in Norway (MJ)	MJ	0.2682			
Substitution of thermal energy, district heating, in Norway (MJ)	MJ	4.06			

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	7.37E+01	2.35E-01	3.17E-03	5.01E+00	0
	GWP-fossil	kg CO_2 -eq	9.64E+01	2.35E-01	3.17E-03	4.96E+00	0
	GWP-biogenic	kg CO_2 -eq	-2.29E+01	3.48E-04	4.37E-07	3.49E-02	0
	GWP-luluc	kg CO_2 -eq	2.80E-01	2.67E-04	2.43E-07	1.15E-02	0
	ODP	kg CFC11 -eq	4.74E-06	5.76E-08	1.90E-10	4.20E-07	0
	AP	mol H+ -eq	4.59E-01	1.70E-03	3.91E-06	2.90E-02	0
	EP-FreshWater	kg P -eq	1.00E-02	7.26E-06	6.52E-09	5.30E-04	0
	EP-Marine	kg N -eq	1.04E-01	4.85E-04	3.57E-06	3.68E-03	0
	EP-Terrestial	mol N -eq	9.83E-01	5.40E-03	1.40E-05	4.53E-02	0
	POCP	kg NMVOC -eq	6.88E-01	2.06E-03	4.60E-06	1.15E-02	0
	ADP-minerals&metals[1]	kg Sb-eq	1.14E-03	1.59E-05	1.69E-08	3.64E-05	0
	ADP-fossil[1]	MJ	1.59E+03	5.29E+00	1.31E-02	1.02E+02	0
	WDP[1]	m^3	2.43E+04	1.06E+01	4.62E-02	1.54E+03	0

Indicator		**Unit**	B4	C1	C2	C3	C4	D
	GWP-total	kg CO_2 -eq	0	0	2.37E-01	4.63E+01	8.63E-02	-4.06E+00
	GWP-fossil	kg CO_2 -eq	0	0	2.37E-01	1.89E+01	8.62E-02	-3.98E+00
	GWP-biogenic	kg CO_2 -eq	0	0	1.01E-04	2.74E+01	7.42E-05	-5.12E-03
	GWP-luluc	kg CO_2 -eq	0	0	7.22E-05	1.40E-04	2.18E-05	-6.74E-02
	ODP	kg CFC11 -eq	0	0	5.71E-08	1.08E-07	2.09E-08	-1.41E-01
	AP	mol H+ -eq	0	0	7.63E-04	1.82E-02	5.09E-04	-2.61E-02
	EP-FreshWater	kg P -eq	0	0	1.88E-06	9.53E-06	9.60E-07	-2.98E-04
	EP-Marine	kg N -eq	0	0	1.67E-04	9.99E-03	1.77E-04	-7.31E-03
	EP-Terrestial	mol N -eq	0	0	1.86E-03	9.68E-02	1.97E-03	-7.78E-02
	POCP	kg NMVOC -eq	0	0	7.32E-04	2.31E-02	5.62E-04	-2.58E-02
	ADP-minerals&metals[1]	kg Sb-eq	0	0	4.22E-06	4.16E-06	1.16E-06	-5.47E-05
	ADP-fossil[1]	MJ	0	0	3.85E+00	9.08E+00	1.58E+00	-4.49E+01
	WDP[1]	m^3	0	0	2.95E+00	2.58E+01	5.28E+00	-2.37E+02

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"

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	9.15E-06	6.72E-08	7.00E-11	7.60E-08	0
	IRP[2]	kgBq U235 -eq	9.53E+00	1.86E-02	5.90E-05	8.97E-01	0
	ETP-fw[1]	CTUe	2.57E+03	6.75E+00	1.25E-02	7.17E+01	0
	HTP-c[1]	CTUh	1.83E-07	0.00E+00	0.00E+00	2.00E-09	0
	HTP-nc[1]	CTUh	1.14E-06	9.60E-09	1.20E-11	6.91E-08	0
	SQP[1]	dimensionless	1.89E+03	1.45E+01	2.28E-02	2.47E+01	0

Indicator		Unit	B4	C1	C2	C3	C4	D
	PM	Disease incidence	0	0	2.18E-08	8.81E-08	8.73E-09	-1.13E-06
	IRP[2]	kgBq U235 -eq	0	0	1.68E-02	1.47E-02	6.52E-03	-1.69E-01
	ETP-fw[1]	CTUe	0	0	2.81E+00	5.19E+01	1.25E+00	-2.65E+02
	HTP-c[1]	CTUh	0	0	0.00E+00	2.08E-09	5.10E-11	-1.26E-08
	HTP-nc[1]	CTUh	0	0	2.72E-09	7.94E-08	1.62E-09	7.08E-08
	SQP[1]	dimensionless	0	0	4.41E+00	1.08E+00	3.64E+00	-1.86E+02

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"

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	5.01E+02	1.80E-01	3.30E-04	1.98E+01	0
	PERM	MJ	1.75E+02	0.00E+00	0.00E+00	0.00E+00	0
	PERT	MJ	6.76E+02	1.80E-01	3.30E-04	1.98E+01	0
	PENRE	MJ	1.37E+03	5.29E+00	1.31E-02	1.03E+02	0
	PENRM	MJ	3.54E+02	0.00E+00	-1.70E+00	0.00E+00	0
	PENRT	MJ	1.72E+03	5.29E+00	-1.69E+00	1.03E+02	0
	SM	kg	4.40E+00	0.00E+00	0.00E+00	0.00E+00	0
	RSF	MJ	1.50E+00	5.69E-03	8.65E-06	1.45E+00	0
	NRSF	MJ	5.64E+00	1.82E-02	2.27E-05	3.44E-01	0
	FW	m^3	1.53E+00	1.91E-03	6.91E-06	8.69E-02	0

Indicator		Unit	B4	C1	C2	C3	C4	D
	PERE	MJ	0	0	4.84E-02	2.62E-01	3.96E-02	-1.72E+02
	PERM	MJ	0	0	0.00E+00	-1.27E+02	0.00E+00	0.00E+00
	PERT	MJ	0	0	4.84E-02	-1.27E+02	3.96E-02	-1.72E+02
	PENRE	MJ	0	0	3.85E+00	9.12E+00	1.58E+00	-4.49E+01
	PENRM	MJ	0	0	0.00E+00	-2.83E+02	0.00E+00	0.00E+00
	PENRT	MJ	0	0	3.85E+00	-2.74E+02	1.58E+00	-4.49E+01
	SM	kg	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RSF	MJ	0	0	1.69E-03	6.19E-03	1.02E-03	4.43E-02
	NRSF	MJ	0	0	5.67E-03	0.00E+00	1.07E-01	-7.95E+00
	FW	m^3	0	0	4.38E-04	3.02E-02	1.43E-03	-2.10E-01

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"

End of life - Waste

Indicator		Unit	A1-A3	A4	A5	B2	B3
	HWD	kg	1.89E+00	6.82E-04	0.00E+00	1.54E-02	0
	NHWD	kg	3.44E+01	1.19E+00	4.00E-02	3.47E-01	0
	RWD	kg	2.02E-02	2.47E-05	0.00E+00	7.32E-04	0

Indicator		Unit	B4	C1	C2	C3	C4	D
	HWD	kg	0	0	2.11E-04	0.00E+00	5.60E+00	-1.20E-02
	NHWD	kg	0	0	3.34E-01	0.00E+00	2.74E-01	-1.49E+00
	RWD	kg	0	0	2.63E-05	0.00E+00	9.61E-06	-1.39E-04

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

"Reading example: 9.0 E-03 = 9.0*10-3 = 0.009"

End of life - Output flow

Indicator		Unit	A1-A3	A4	A5	B2	B3
	CRU	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0
	MFR	kg	2.95E+00	0.00E+00	2.04E-02	0.00E+00	0
	MER	kg	1.73E+00	0.00E+00	2.00E-06	0.00E+00	0
	EEE	MJ	1.02E+00	0.00E+00	3.07E-06	0.00E+00	0
	EET	MJ	1.54E+01	0.00E+00	4.65E-05	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	2.73E+00	0.00E+00	0.00E+00
	MER	kg	0	0	0.00E+00	3.16E+01	0.00E+00	0.00E+00
	EEE	MJ	0	0	0.00E+00	2.17E+01	0.00E+00	0.00E+00
	EET	MJ	0	0	0.00E+00	3.28E+02	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*10-3 = 0.009"

Biogenic Carbon Content

Indicator	Unit	At the factory gate
Biogenic carbon content in product	kg C	6.56E+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 CO2-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	73.73	0.24	0.00	5.01	0.00	0.00	0.00	0.24	46.33	0.09	-4.06
Total energy consumption	MJ	1875.51	5.50	0.01	124.17	0.00	0.00	0.00	3.90	9.39	1.73	-224.73
Share of recycled materials	%	12.58										

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	9.75E+01	2.35E-01	3.17E-03	5.01E+00	0

Indicator	Unit	B4	C1	C2	C3	C4	D
GWPIOBC	kg CO_2 -eq	0	0	2.37E-01	2.32E+01	9.52E-02	-4.03E+00

GWP-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 (%)
Scandinavia 372 - Wooden legs and recycled polyester fabric	50.50	117.09	3101.65	11.87
Scandinavia 373 C3 - Wooden legs and recycled polyester fabric	65.60	168.48	4167.00	10.26
Scandinavia 373 C3 - High wooden legs and recycled polyester fabric	65.90	168.11	4178.10	10.21
Scandinavia 371 - Metal legs and recycled polyester fabric	31.20	80.46	1846.09	13.08
Scandinavia 370 - Corner section with wooden legs and recycled polyester fabric	43.40	35.44	2465.68	14.26
Scandinavia 372L/R - Section for connection with corner section, recycled polyester fabric	46.00	106.09	2868.30	13.08
Scandinavia 371 - Wooden legs and wool blend fabric	32.80	217.61	2656.92	7.02
Scandinavia 372 - Wooden legs and wool blend fabric	51.70	335.66	4288.71	6.52
Scandinavia 373 C3 - Wooden legs and wool blend fabric	67.10	447.19	5680.68	5.03

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epd-global Powered by EPD-Norway	**Program operator and publisher** EPD-Global Postboks 5250 Majorstuen, 0303 Oslo, Norway	Phone: e-mail: web:	+47 977 22 020 post@epd-norge.no www.epd-global.com
Kinnarps	**Owner of the declaration:** Kinnarps AB Industrigatan, 521 88 Kinnarp, Sweden	Phone: e-mail: web:	+46 515 381 21 johanna.ljunggren@kinnarps.se kinnarps.com
LCA.no	**Author of the Life Cycle Assessment** LCA.no AS Dokka 6A, 1671 Kråkerøy, Norway	Phone: e-mail: web:	+47 916 50 916 post@lca.no www.lca.no
LCA.no	**Developer of EPD generator** LCA.no AS Dokka 6A, 1671 Kråkerøy, Norway	Phone: e-mail: web:	+47 916 50 916 post@lca.no www.lca.no
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