

Additional Norwegian 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	Data source	Amount	Unit
Energy, district heating, Norwegian average (kWh)	Østfoldforskning	19,71	g CO ₂ -ekv/kWh
Energy, electricity, nuclear, Sweden: 1 kWh	Modified ecoinvent 3.6	22,11	g CO ₂ -ekv/kWh

Dangerous substances

The product contains substances given by the REACH Candidate list and the Norwegian priority 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 for variants for this EPD: Cradle to Gate analyse from A1 to A3

Variant number	Global warming (kg CO ₂)	Total energy use (MJ)	Share of recycled material in product(%)
6000/8000 series - Task chair 6240 with wool fabric and aluminum starbase	75,12	1 644,44	0,78
6000/8000 series - Task chair 6240 with polyester fabric and plastic starbase	77,25	1 693,11	0,60
6000/8000 series - Task chair 6130 with wool fabric and plastic starbase	81,16	1 732,39	0,52
6000/8000 series - Task chair 8240 with wool fabric and plastic starbase	84,16	1 787,54	0,54

Key environmental indicators for options for this EPD: Cradle to Gate analyse from A1 to A3

Option number	Global warming (kg CO ₂)	Total energy use (MJ)	Share of recycled material in product(%)
Headrest N34	4,96	128,72	8,56
Armrest 2, pair	9,92	155,05	0,00
Armrest 4, pair	12,82	212,37	0,03

Bibliography

ISO 14025:2010 Environmental labels and declarations - Type III environmental declarations - Principles and procedures.

ISO 14044:2006 Environmental management - Life cycle assessment - Requirements and guidelines.

EN 15804:2012+A1:2013 Environmental product declaration - Core rules for the product category of construction products.

ISO 21930:2017 Sustainability in buildings and civil engineering works - Core rules for environmental product declarations of construction products.

ecoinvent v3, Allocation, cut-off by classification, Swiss Centre of Life Cycle Inventories.

Iversen et al., (2018) eEPD v3.0 - Background information for EPD generator system. LCA.no report number 04.18

Vold et al., (2019) EPD generator for Norsk Industri, Background information for industry application and LCA data, LCA.no report number 06.19.

NPCR Part A: Construction products and services. Ver. 1.0. April 2017, EPD-Norge.

NPCR 026 Part B for Furniture. Ver. 2.0 October 2018, EPD-Norge.

<p>Global Program Operator</p>	<p>Program operator and publisher</p> <p>The Norwegian EPD Foundation Post Box 5250 Majorstuen, 0303 Oslo, Norway</p>	<p>Phone: +47 23 08 80 00 e-mail: post@epd-norge.no web: www.epd-norge.no</p>
	<p>Owner of the declaration</p> <p>Kinnarps AB Industrigatan 521 88 Kinnarps</p>	<p>Phone: +46 515 381 21 e-mail: johanna.ljunggren@kinnarps.se web: kinnarps.com</p>
	<p>Author of the Life Cycle Assessment</p> <p>LCA.no AS Dokka 6B 1671 Kråkerøy</p>	<p>Phone: +47 916 50 916 e-mail: post@lca.no web: www.lca.no</p>
	<p>Developer of EPD generator</p> <p>LCA.no AS Dokka 1C 1671 Kråkerøy</p>	<p>Phone: +47 916 50 916 e-mail: post@lca.no web: www.lca.no</p>