HAY

About A Stool Europe



Environmental Product Declaration

Date of Issue: June 16, 2025 Date of Expiration: June 16, 2030

Product Category Rules

BIFMA PCR for Seating, UNCPC 3811, version 3

Product Sub-Category: Side Seat Chair (Single Occupant)

EN 15804+A2

ISO 14025/14040/14044

Functional Unit

1 seat for 1 individual maintained for a 10-year period (1 About A Stool)

This EPD was not written to support comparative assertions. EPDs based on different PCRs or different calculation models may not be comparable. When attempting to compare EPDs or life cycle impacts of products from different companies, the user should be aware of the uncertainty in the final results due to and not limited to the practitioner's assumptions, the source of the data used in the study, the specifics of the product modeled, and the software tool used to conduct the study.





Program Operator	NSF Certification LLC 789 N. Dixboro, Ann Arbor, MI 48105 www.nsf.org
Manufacturer Name and Address	HAY ApS Havnen 3, 8700 Horsens, Denmark
Declaration Number	EPD11096
Declared Product and Functional Unit	About A Stool 39 (AA088-A001-AA01 with Remix Fabric) Functional Unit: 1 seat for 1 individual maintained for 10 years
Reference PCR and Version Number	BIFMA PCR for Seating, UNCPC 3811, version 3 EN 15804+A2
Product's intended Application and Use	Side Seat Chair (Single Occupant)
Product RSL	10 years
Markets of Applicability	Europe
Date of Issue	June 16, 2025
Period of Validity	5 years from date of issue
EPD Type	Product Specific
Intended Audience	Business-to-Business, Business-to-Consumer
Range of Dataset Variability	N/A
EPD Scope	Cradle to Grave
Year of reported manufacturer primary data	2022
LCA Software and Version Number	Sphera LCA for Experts (fka GaBi) 10.9
LCI Database and Version Number	Sphera Managed LCA Content (fka GaBi) Database, 2023.1
LCIA Methodology and Version Number	TRACI 2.1, IPCC AR6, EN 15804 EF 3.1
The PCR review was conducted by:	Review Panel Chaired by Dr. Thomas Gloria
This declaration was independently verified in accordance with ISO 14025: 2006, the BIFMA PCR for Seating, and EN 15804+A2 □ Internal □ External	Jack Geibig - EcoForm jgeibig@ecoform.com Jack Heiling
This reference life cycle assessment was conducted in accordance with ISO 14044 and the reference PCRs:	WAP Sustainability Consulting
This life cycle assessment was independently verified in accordance with ISO 14044 and the reference PCR by:	Jack Geibig - EcoForm jgeibig@ecoform.com Jack Heilig
References	BIFMA PCR for Seating: UNCPC 3811, version 3 (2014) EN 15804+A2 (2019) ISO 14025/40/44 (2006) HAY Background Report for Seating LCA v1.0

Environmental declarations from different programs (ISO 14025) may not be comparable. Comparison of the environmental performance of Products using EPD information shall be based on the product's use and impacts at the building level, and therefore EPDs may not be used for comparability purposes when not considering the building energy use phase as instructed under this PCR. Full conformance with the PCR for Products allows EPD comparability only when all stages of a life cycle have been considered. However, variations and deviations are possible". Example of variations: Different LCA software and background LCI datasets may lead to differences results for upstream or downstream of the life cycle stages declared.



Product Description

Featuring a curved backrest and elegant rounded frame in metal, About A Stool AAS 39 offers a more industrial expression, while sharing the same versatile profile as the other designs in the collection. The upholstered seat is offered in a wide variety of fabric options, with the sled base available in two heights in different steel finishes. The series' simple yet strong visual presence makes it ideal as a bar stool in a variety of corporate, public, and private contexts.

This document relates to About A Stool 39. About A Stool 39 side chair high powder coated steel sled base, shell, foam, full upholstery with wool and nylon blend fabric, and felt glides.



Company Description

MillerKnoll is a collective of dynamic brands that comes together to design the world we live in. The MillerKnoll brand portfolio includes Herman Miller, Knoll, Colebrook Bosson Saunders, DatesWeiser, Design Within Reach, Edelman, Geiger, HAY, HOLLY HUNT, Knoll Textiles, Maharam, Muuto, NaughtOne, and Spinneybeck|FilzFelt. MillerKnoll is an unparalleled platform that redefines modern for the 21st century by building a more sustainable, equitable, and beautiful future for all.

HAY is where everyday designs are reimagined. Wherever we look, we discover design - and every piece we create is an answer to a question. Collaboration is at the heart of HAY. Drawing inspiration from art, architecture, and fashion, we work with the best international designers to experiment with new materials, new technologies, and new ideas. Our goal is to create affordable, long-lasting products that are highly considered, quietly forward-thinking, and relevant to real life.

Our Mission

Driven by the mission to design and make the world's best products in the most sustainable way, MillerKnoll's sustainability strategy focuses on three key areas:

- Carbon
 - Design the lowest carbon footprint products and commit to achieving net-zero carbon emissions by 2050.11
- **Materials**
 - Use sustainable, 100% bio-based or recycled materials by 2050.
- Circularity
 - Design timeless, durable products with zero waste by 2050.

Supplier Support

At MillerKnoll, we are committed to working closely with our suppliers to reduce our collective impact on the environment. We encourage our suppliers to minimize their operations' environmental impacts and require they assist us in decreasing our facilities' environmental effects.

Manufacturing Locations

Poland

Warrantv

HAY provides a 10-year product warranty. Please contact the HAY sales team for further information about the warranty terms and conditions.

Creating Transparency on Materials

We are transparent about our materials because we believe in informed decisions. Our Ecomedes platform provides environmental product information from across our brands, including details about materials used and third-party certifications. This resource helps customers buy or specify environmentally preferable products by supplying product-level data and automating product performance calculations that can help contribute to sustainability goals. Ecomedes is linked here.

Product Environmental Data

	Value	
Recycled Content %	34%	
Post-Consumer	34%	
Pre-Consumer	0%	

Additional information, including installation and recycling instructions, can be found at

https://www.hermanmiller.com/products/seating/stools/abouta-stool/ and https://www.hay.com/hay/furniture/seating/barstool/aas-39

MillerKnoll's net-zero commitment is subject to factors that are partly outside its control, including its value chain's ability to reduce their Scope 1 and 2 emissions (and therefore MillerKnoll's Scope 3 emissions) by 2050. In light of this, MillerKnoll is committed to achieving net-zero by 2050 and will continue to engage with stakeholders across its value chain to support them in their efforts to become net-zero by 2050.



MATERIAL DECLARATION

Functional Unit

The functional unit is one seat for one individual, maintained over a 10-year period, including packaging materials used for the final assembled product. The product has met ANSI/BIFMA X5.1 requirements for a 10-year lifetime, so no replacements are required. To meet the functional unit, 1 unit of About A Stool 39 is required.

Reference Flow and Product Specifications

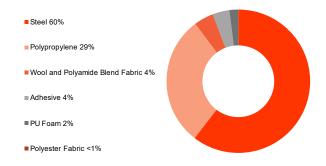
One About A Stool 39 (product number AA088-A001-AA01) was modeled for this EPD. This chair is determined to be a representative product based on sales of the variations. The results in this EPD are only representative of this configuration. While the exact configuration purchased may be slightly different, it is expected to have impacts within 10% of this representative configuration. The results presented on the subsequent pages and the product composition tables on the right consist of the impacts of About A Stool 39 made in Poland.

System Boundary

Cradle-to-Grave

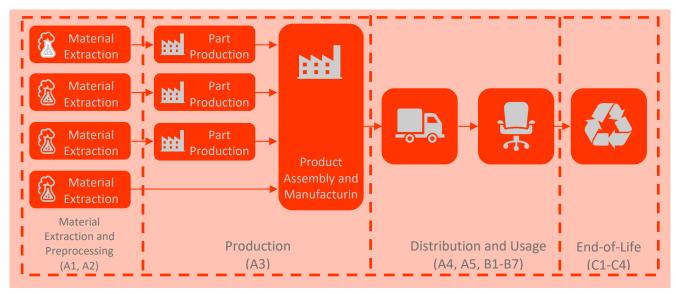
Content Declaration

The table to the right details the materials included in a specific SKU for the product made in Europe, summarized in the chart below. In order to achieve the functional unit, 1 product is required.



Material	Mass (kg)	Mass (%)	Resource
Steel	4.52	60%	Recycled, Virgin Non- renewable
Polypropylene	2.20	29%	Virgin Non-renewable
Wool and Polyamic Blend Fabric	le 0.33	4%	Virgin Renewable and Non-Renewable
Adhesive	0.29	4%	Virgin Non-renewable
PU Foam	0.15	2%	Virgin Non-renewable
Polyester Fabric	0.01	<1%	Virgin Non-renewable
Т	otal 7.50	100%	
Packaging	Mass (kg)	Mass (%)	Resource
Wood	3.00	56%	Virgin Renewable
Cardboard	2.25	42%	Recycled, Virgin Renewable
PE Foam	0.09	2%	Virgin Non-renewable
PS Foam	0.01	<1%	Virgin Non-renewable
Т	otal 5.35	100%	

This product contains no substances prohibited by the regulations applicable at the time of EPD publication, and does not contain substances that require registration under REACH. It respects the restrictions on use of hazardous substances as defined in the REACH directive EC 1907/2006.



Overview of Life Cycle Stages



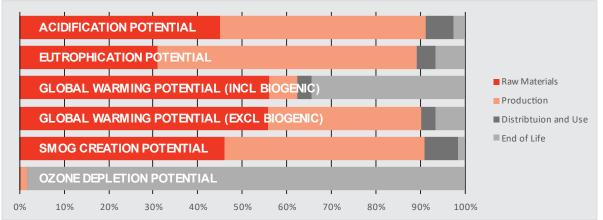
Life Cycle Impact Assessment – BIFMA PCR for Production in Europe

Environmental Impacts were calculated using the GaBi software platform. Impact results according to the BIFMA PCR have been calculated using IPCC AR6 GWP₁₀₀ and TRACI 2.1 characterization factors. Additionally, LCI indicators have been calculated for primary energy, water usage, renewable and non-renewable resources used as energy carriers and materials, and recovered energy. Results presented in this report are for 1 seat for 1 individual maintained for 10 years. To fulfill this functional unit, 1 unit of About A Stool 39 is required.

The results presented here are for About A Stool 39 (product number AA088-A001-AA01 with Remix Fabric). Additionally, the results are relative expressions and do not predict impacts on category endpoints, the exceeding of thresholds, safety margins, or risks.

LCA Impact Category	Unit	Total	Raw Material Production	Product Production	Distribution and Retail	End of Life
Acidification Potential	kg SO₂ eq	1.01E-01	4.57E-02	4.66E-02	6.31E-03	2.63E-03
Eutrophication Potential	kg N eq	1.17E-02	3.63E-03	6.79E-03	4.79E-04	7.80E-04
Global Warming Potential Including Biogenic Carbon	kg CO ₂ eq	3.30E+01	1.85E+01	2.02E+00	1.11E+00	1.13E+01
Global Warming Potential Excluding Biogenic Carbon	kg CO ₂ eq	3.42E+01	1.91E+01	1.18E+01	1.11E+00	2.23E+00
Photochemical Ozone Creation Potential (Smog)	kg O₃ eq	1.82E+00	8.41E-01	8.18E-01	1.40E-01	2.65E-02
Ozone Depletion Potential	kg CFC-11 eq	1.01E-09	6.14E-13	1.55E-11	2.83E-15	9.93E-10
LCI Impact Category	Unit	Total	Raw Material Production	Product Production	Distribution and Retail	End of Life
Primary Energy Demand (Renewable and Non-Renewable)	MJ (net cal value)	6.43E+02	3.10E+02	3.14E+02	1.61E+01	2.91E+00
Freshwater Consumption	kg	1.29E+02	3.66E+01	8.81E+01	2.04E+00	2.44E+00
Renewable Primary Resources Used as Energy Carrier	MJ (net cal value)	1.85E+02	3.75E+01	1.47E+02	5.96E-01	2.27E-01
Renewable Primary Resources Used as Materials	MJ (net cal value)	3.15E+01	0.00E+00	3.15E+01	0.00E+00	0.00E+00
Non-renewable Primary Resources Used as Energy Carrier	MJ (net cal value)	4.57E+02	2.72E+02	1.67E+02	1.55E+01	2.68E+00
Non-renewable Primary Resources Used as Materials	MJ (net cal value)	1.41E+02	1.32E+02	9.59E+00	0.00E+00	0.00E+00
Recovered Energy	MJ (net cal value)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Life Cycle Impacts of About a Stool





APPENDIX: EN 15804+A2

Additionally, results have been calculated using LCIA methodologies for core environmental impact categories specified in EN 15804+A2, as well as LCI indicators required by EN15804+A2 reference package EF 3.1. The results are relative expressions and do not predict impacts on category endpoints, the exceeding of thresholds, safety margins, or risks. Values in the scenario tables below are reported per functional unit, which is 1 seat for 1 individual maintained for 10 years. To fulfill this functional unit, 1 unit of product is required.

LCA Scenario Details

Functional Unit

Parameter	Value per Functional Unit
Parameter	value per Functional Onit
Declared Unit	1 seat
Reference Service Life Required	10 years
Biogenic Carbon in Product	0.15 kg C
Biogenic Carbon in Packaging	2.67 kg C

Reference Service Life

1.010101100 0011100 2110		
Parameter	Value per functional unit	
Reference Service Life	10 Years	
Design Application Parameters	Use as indicated in product brochure and warranty	
Declared Product Properties	Properties given in product description on page 4	
Indoor environment	Typical office and home environment	
Use conditions	Typical office and home use	

A4: Transport to the Building Site

Parameter	Value per fu	nctional unit	
Transportation Type	Diesel Truck Heavy Fu		
Fuel Consumption*	0.420 L/km	13.0 L/km	
Distance	1,025 km	1126 km	
Capacity Utilization	67%	53%	
Capacity utilization volume factor	1	1	
Weight of product (kg) 7.50			
Volume (m ³)	0.204		
*Fuel efficiency value shown is for a full payload			

A5: Installation in the Building

Parameter	Value per functional unit
Packaging Waste Produced	5.35 kg
Installation Assumptions	No product waste, Installed with hand tools.

B1: Use

Parameter	Value per functional unit
There are no emissions related to the expected use of this product.	

B2: Maintenance

Parameter	Value per functional unit
Maintenance Process	No maintenance is expected for this product
Maintenance cycle	0
Ancillary Materials for maintenance (kg/cycle)	0
Waste materials resulting from maintenance (kg)	0
Net fresh water consumption during maintenance (m3)	0
Energy input during maintenance (kWh)	0

B3: Repair

20.110 pa		
Parameter	Value per functional unit	
Repair process	No repairs are expected for this product	
Inspection process	No repairs are expected for this product	
Repair cycle (#/RSL)	0	
Ancillary materials (kg)	0	
Waste materials from repair (kg)	0	
Net freshwater consumption during repair (m3)	0	
Energy input during repair (kWh)	0	

B4: Replacements

Parameter	Value per functional unit	
Replacement cycle (#/RSL)	0	
Energy input during replacement (kWh)	0	
Exchange of worn parts during the products life cycle (kg)	0	

B5: Refurbishment

Parameter	Value per functional unit
Refurbishment process	No refurbishment is expected for this product
Refurbishment cycle (#/RSL)	0
Energy input during refurbishment (kWh)	0
Material input for refurbishment (kg)	0
Waste material resulting from refurbishment (kg)	0

B6 and B7: Use of energy and Use of Water

Parameter	Value per functional unit
Ancillary materials (kg)	0
Net freshwater consumption (m ³)	0
Power output of equipment (kW)	0
Characteristic performance	n/a

C1-C4: End-of-Life

Parameter	Value per functional unit
Waste of Product Collected (kg)	7.5
Waste to Recycling (kg)	6.9
Waste to Energy Recovery (kg)	0.12
Waste to Landfill (kg)	0.48
Distance to Recycling (km)	32
Distance to Energy Recovery (km)	32
Distance to Landfill (km)	32

D: Benefits and Loads Beyond the System Boundary

Parameter	Value per functional unit
Includes all flows leaving the system	not allocated as co-products and
have passed the end-of-waste state	e. Includes loads from processing
recycled materials. Credits are cale	culated based on the amount of
useable material and energy sent to	the next product system. Credits
not applied to the portion of flows d	derived from secondary sources.

Life Cycle Stages

The results are provided according to the following life cycle modules:

Module	Description
A1	Product Stage: Raw Material Supply
A2	Product Stage: Transport
A3	Product Stage: Manufacturing
A4	Construction Process Stage: Transport
A5	Construction Process Stage: Installation
B1	Use Stage: Use
B2	Use Stage: Maintenance
В3	Use Stage: Repair
B4	Use Stage: Replacement
B5	Use Stage: Refurbishment
В6	Operational Energy Use
B7	Operational Water Use
C1	EOL: Deconstruction
C2	EOL: Transport
C3	EOL: Waste Processing
C4	EOL: Disposal
D	Benefits beyond system



Environmental Product Declaration

About A Stool

Life Cycle Impact Assessment – EN 15804+A2 (EF 3.1) for Production in Europe

EN 15804+A2 Results - 1 seat for 1 individual maintained for 10 Years

Impact Category	A1-A3	A4	A5	B1	B2	В3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP _{Total} [kg CO ₂ eq]	2.05E+01	1.11E+00	1.17E+01	0.00E+00	1.93E-02	7.57E-01	1.33E-01	-1.78E+01							
GWP _{Fossil} [kg CO ₂ eq]	3.03E+01	1.11E+00	1.27E-01	0.00E+00	1.93E-02	2.82E-01	3.69E-02	-1.78E+01							
GWP _{Biogenic} [kg CO ₂ eq]	-9.82E+00	1.05E-03	1.15E+01	0.00E+00	1.91E-05	4.75E-01	9.63E-02	0.00E+00							
GWP _{LULUC} [kg CO₂ eq]	1.42E-02	1.20E-03	8.95E-05	0.00E+00	2.20E-05	9.33E-07	2.90E-05	-1.32E-02							
ODP [kg CFC 11 eq]	9.99E-11	1.34E-13	6.99E-10	0.00E+00	2.37E-15	6.34E-14	5.85E-14	-4.73E-11							
AP [Mole H+ eq]	1.01E-01	6.92E-03	8.88E-04	0.00E+00	5.80E-05	4.35E-05	1.10E-04	-4.53E-02							
EP, freshwater [kg PO ₄ eq]	4.46E-04	5.19E-06	4.35E-06	0.00E+00	9.49E-08	1.38E-08	6.39E-06	-1.49E-04							
EP, marine [kg N eq]	2.64E-02	3.05E-03	9.77E-04	0.00E+00	2.86E-05	1.37E-05	4.87E-05	-1.21E-02							
EP, terrestrial [Mole N eq]	2.86E-01	3.36E-02	3.87E-03	0.00E+00	3.16E-04	2.08E-04	2.94E-04	-1.31E-01							
POCP [kg NMVOC eq]	8.04E-02	6.52E-03	1.75E-03	0.00E+00	5.66E-05	3.78E-05	9.98E-05	-4.13E-02							
Resource Use, mineral and metals* [kg Sb eq]	6.54E-05	7.21E-08	-1.67E-08	0.00E+00	1.27E-09	2.42E-10	9.22E-10	-4.02E-05							
Resource Use, fossil* [MJ]	5.74E+02	1.44E+01	1.73E+00	0.00E+00	2.53E-01	1.37E-01	5.20E-01	-3.97E+02							
Water use* [m³ world eq]	2.19E+00	6.17E-02	7.09E-02	0.00E+00	1.13E-03	2.93E-02	-2.67E-04	-1.65E+00							

GWP=Global Warming Potential; LULUC=Land Use and Land Use Change; ODP=Ozone Depletion Potential; EP=Eutrophication Potential; AP=Acidification Potential; POCP=Photochemical ozone creation potential



^{*}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

Environmental Product Declaration

About A Stool

Resource Use and Waste - 1 seat for 1 individual maintained for 10 Years

Impact Category	A1-A3	A4	A5	B1	B2	В3	B4	B5	В6	В7	C1	C2	C3	C4	D
PERE [MJ]	1.85E+02	5.96E-01	1.35E-01	0.00E+00	1.08E-02	3.42E-02	4.69E-02	-2.06E+02							
PERM [MJ]	3.15E+01	0.00E+00													
PERT [MJ]	2.16E+02	5.96E-01	1.35E-01	0.00E+00	1.08E-02	3.42E-02	4.69E-02	-2.06E+02							
PENRE [MJ]	4.39E+02	1.55E+01	1.75E+00	0.00E+00	2.72E-01	1.37E-01	5.20E-01	-3.97E+02							
PENRM [MJ]	1.41E+02	0.00E+00													
PENRT [MJ]	5.80E+02	1.55E+01	1.75E+00	0.00E+00	2.72E-01	1.37E-01	5.20E-01	-3.97E+02							
SM [kg]	5.30E+00	0.00E+00													
RSF [MJ]	0.00E+00														
NRSF [MJ]	0.00E+00														
FW [m ³]	1.25E-01	2.04E-03	1.70E-03	0.00E+00	3.72E-05	6.93E-04	1.04E-05	-7.88E-01							
HWD [kg]	3.39E-06	4.45E-11	1.13E-10	0.00E+00	7.82E-13	1.68E-12	4.38E-11	-5.48E-06							
NHWD [kg]	2.62E+00	1.32E-03	7.85E-01	0.00E+00	2.37E-05	2.61E-02	5.06E-01	9.32E-01							
RWD [kg]	1.48E-02	4.43E-05	2.80E-05	0.00E+00	7.80E-07	5.63E-06	6.15E-06	-4.50E-03							
HLRW [kg]	1.39E-05	5.26E-08	3.38E-08	0.00E+00	9.25E-10	4.96E-09	5.34E-09	-4.84E-06							
ILLRW [kg]	1.48E-02	4.43E-05	2.80E-05	0.00E+00	7.79E-07	5.63E-06	6.15E-06	-4.49E-03							
CRU [kg]	0.00E+00														
MFR [kg]	1.31E+00	0.00E+00	3.72E+00	0.00E+00	6.85E+00	0.00E+00	0.00E+00								
MER [kg]	0.00E+00														
EE [MJ]	6.53E-01	0.00E+00	3.37E+00	0.00E+00	1.50E+00	0.00E+00	0.00E+00								
PM [Disease Incidence]	1.53E-06	8.26E-08	6.81E-09	0.00E+00	6.27E-10	3.63E-10	1.07E-09	-2.19E-07							
IRP**([kBq U235 eq]	2.27E+00	3.74E-03	2.62E-03	0.00E+00	6.58E-05	8.20E-04	9.10E-04	-1.70E-01							
ETP-fw* [CTUe]	1.97E+02	1.21E+01	2.79E+00	0.00E+00	2.12E-01	8.07E-02	4.86E-01	-7.44E+01							
HTP-c* [CTUh]	5.20E-08	2.77E-10	6.85E-11	0.00E+00	3.86E-12	4.79E-12	2.27E-11	-2.10E-09							
HTP-nc* [CTUh]	1.40E-06	4.52E-09	8.29E-09	0.00E+00	7.89E-11	3.99E-10	1.87E-09	-2.27E-07							
SQP* [no unit]	1.78E+03	2.61E+00	1.52E-01	0.00E+00	4.77E-02	3.19E-02	4.52E-02	-1.12E+03							

PERE=Renewable Primary Energy from Non-Materials; PERM=Renewable Primary Energy from Materials; PERT=Total Renewable Primary Energy; PENRE=Non-Renewable Primary Energy from Non-Materials; PENRM=Non-Renewable Primary Energy from Materials; PENRT=Total Non-Renewable Primary Energy; SM=Use of Secondary Materials; RSF=Use of Renewable Secondary Fuels; NRSF=Use of Non-Renewable Primary Energy; SM=Use of Secondary Materials; PENRT=Total Non-Renewable Primary Energy Materials; PENRT=Total Non-Renewable Prim Secondary Fuels: FW=Net Use of Fresh Water: HWD=Hazardous Waste Disposed: NHWD=Non-Hazardous Waste Disposed: HLRW=High Level Radioactive Waste: ILLRW=Intermediate- and Low-Level Radioactive Waste; CRU=Components for Reuse; MFR=Materials for Recycling; MER=Materials for Energy Recovery; EE=Exported Energy; PM=Particulate Matter; IRP=Ionizing Human Radiation; ETP-fw=Eco-toxicity freshwater; HTP-c=Human toxicity - Cancer; HTP-nc=Human toxicity - Noncancer; SQP=Land use related impacts / soil quality



^{*}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

^{**}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.

References

- 1. CEN. (2019). CSN EN 15804+A2. Retrieved from European Standards: https://www.en-standard.eu/csnen-15804-a2-sustainability-of-construction-works-environmental-product-declarations-core-rules-for-theproduct-category-of-construction-products/
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- 4. ISO 14025:2006 Environmental labels and declarations Type III environmental declarations Principles and Procedures.
- 5. IPCC (2021). Climate Change 2021: The Physical Science Basis. Contribution of Working Group I to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. [Masson-Delmotte, V., P. Zhai, A. Pirani, S.L. Connors, C. Péan, S. Berger, N. Caud, Y. Chen, L. Goldfarb, M.I. Gomis, M. Huang, K. Leitzell, E. Lonnoy, J.B.R. Matthews, T.K. Maycock, T. Waterfield, O. Yelekçi, R. Yu, and B. Zhou (eds.)]. Cambridge University Press. In Press.
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