epddanmark

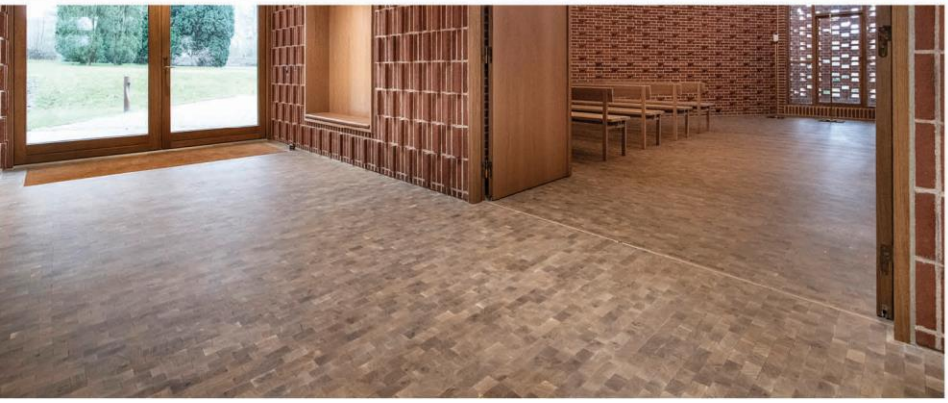
ECO PLATFORM EPD VERIFIED

Owner: [Hørning Parket A/S]
No.: MD-22072-EN
Issued: 20-12-2022
Valid to: 20-12-2027

3rd PARTY **VERIFIED**

EPD

VERIFIED ENVIRONMENTAL PRODUCT DECLARATION | **ISO 14025 & EN 15804**



Owner of declaration
Hørning Parket A/S
Christiansmindevej 12
8660 Skanderborg, Denmark
CVR-nr.: 33965362

Programme
EPD Danmark
www.epddanmark.dk

☐ Industry EPD
☒ Product EPD

Declared product(s):
- Solid Parquet Block (DK) 15/20 mm thickness (Untreated)
- Solid Parquet Block (EU) 16/22 mm thickness (Untreated)
- Whalebone 16/20 mm thickness (Untreated)
- Chevron 16/20 mm thickness (Untreated)
- Solid Line 10/15 mm thickness (Untreated)
- Industrial parquet 10/23 mm thickness (Untreated)
- End Grain Floor 15/22 mm thickness (Untreated)
- Mosaic parquet 8/10 mm thickness (Untreated)

The EPD covers two hardwood types - oak and ash. The moisture content of the products is 8% ±2%

Number of declared datasets/product variations: 8

Production site
Production site of Skanderborg in Denmark

Product(s) use
Solid wood pattern floors, which is ready to be installed in accordance with the instructions of Hørning Parket A/S. The floor is untreated, and hence requires surface treatment during installation (A5).

The floor is intended for indoor use.

Declared/ functional unit
The declared unit is set as 1 m^2 floor in oak or ash.

Year of data
2021

EPD version
[1], November 2022

Issued: 20-12-2022
Valid to: 20-12-2027

Basis of calculation
This EPD is developed in accordance with the European standard EN 15804:2012+A2:2019.

Comparability
EPDs of construction products may not be comparable if they do not comply with the requirements in EN 15804. EPD data may not be comparable if the datasets used are not developed in accordance with EN 15804 and if the background systems are not based on the same database.

Validity
This EPD has been verified in accordance with ISO 14025 and is valid for 5 years from the date of issue.

Use
The intended use of an EPD is to communicate scientifically based environmental information for construction products, for the purpose of assessing the environmental performance of buildings.

EPD type
☒Cradle-to-gate with modules C1-C4 and D
☐Cradle-to-gate with options, modules C1-C4 and D
☐Cradle-to-grave and module D
☐Cradle-to-gate
☐Cradle-to-gate with options

CEN standard EN 15804 serves as the core PCR

Independent verification of the declaration and data, according to EN ISO 14025
☐ internal ☒ external

Third party verifier:
Linda Høibye
Life Cycle Assessment Consulting

Martha Katrine Sørensen
EPD Danmark

Life cycle stages and modules (MND = module not declared)																
Product			Construction process		Use							End of life				Beyond the system boundary
Raw material supply	Transport	Manufacturing	Transport	Installation process	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Re-use, recovery and recycling potential
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
X	X	X	MND	MND	MND	MND	MND	MND	MND	MND	MND	X	X	X	X	X

Product information

Product description

The main product components are shown in the table below.

Material	Weight-% of declared product
Wood	98-100%
Holding material*	0-2%

**e.g. PET tape, BOPP film, PVA adhesive, or wood strips*

Thermal conductivity, [W/m°K]:
Oak and Ash: 0.16

Thermal resistance, [m² °K/W]:

- 8 mm wooden oak or ash floor 0.050
- 10 mm wooden oak or ash floor 0.063
- 15 mm wooden oak or ash floor 0.094
- 16 mm wooden oak or ash floor 0.100
- 20 mm wooden oak or ash floor 0.125
- 22 mm wooden oak or ash floor 0.138
- 23 mm wooden oak or ash floor 0.144
- 28 mm wooden oak or ash floor 0.175

Representativity

This declaration, including data collection and the modelled foreground system including results, represents the production of 1 m^2 on the production site located in Skanderborg. Product specific data are based on average values collected at the production site for the year 2021. Background data are based on ecoinvent 3.8 (Released 09-2021) and are less than 10 years old. Generally, the background datasets used are of high quality with a reference year of 2021 in line with release of the database. All most all are from Europe or Denmark and electricity is country specific. In processes deemed particularly important (e.g. sawmill activities), the energy consumption has been modified to reflect local supply conditions.

Hazardous substances

The solid wooden floors by Hørning Parket A/S and analyzed in this study do not contain any substances listed in the "Candidate List of Substances of Very High Concern for Authorisation"

(http://echa.europa.eu/candidate-list-table)

Picture of product(s)

Essential characteristics

Hørning Parket A/S products are generally CE certified in accordance with the EC declaration regarding wooden floors for indoor usage EN 14342.

Further technical information can be obtained by contacting the manufacturer or on the manufacturers website:

Solid Parquet Block (DK) 15/20 mm.
https://www.horningfloor.dk/wp-content/uploads/2019/05/Horning_Solid_Parquet_Block_DK_DATASHEET_uk210519.pdf

Solid Parquet Block (EU) 16/22 mm.
https://www.horningfloor.dk/wp-content/uploads/2019/05/Horning_Solid_Parquet_Block_EU_DATASHEET_uk210519.pdf

Whalebone 16/20 mm.
https://www.horningfloor.dk/wp-content/uploads/2020/10/Horning_Whalebone_DATASHEET_uk301020.pdf

Chevron 16/20 mm.
https://www.horningfloor.dk/wp-content/uploads/2020/10/Horning_Chevron_DATASHEET_uk301020.pdf

Solid Line 10/15 mm.
https://www.horningfloor.dk/wp-content/uploads/2021/02/Horning_Solid-Line_DATASHEET_uk020221.pdf

Industrial parquet 10/23 mm.
https://www.horningfloor.dk/wp-content/uploads/2018/10/Horning_Industrial_Parquet_DATASHEET_uk270918.pdf

End Grain Floor 15/22 mm.
https://www.horningfloor.dk/wp-content/uploads/2020/06/Horning_End_Grain_Flooring_DATASHEET_uk090620.pdf

Mosaic parquet 8/10 mm
https://www.horningfloor.dk/wp-content/uploads/2021/12/Horning_Mosaic_Parquet_DATASHEET_uk201221.pdf

Reference Service Life (RSL)

The reference service life is not declared because the use stage (B1-B7) is not included as this EPD is based on a cradle-to-gate.

Solid Parquet Block EU & DK

Industrial parquet

Solid line

Chevron

Whalebone

End Grain Floor

Mosaic parquet

LCA background

Declared unit

The LCI and LCIA results in this EPD relates to 1 m^2 of solid hardwood floor. The product variations include two different wood species (oak and ash) and different thickness. The specifications for each product variation are presented in the tables below.

Name	Thickness (mm)	Declared unit	Adhesive (kg)	Tape (kg)	BOPP film (kg)	Strips (kg)	Wood (kg)	Combined (kg)	Scaling factor
Solid Parquet Block (Danish made)	15	1 m^2	-	-	-	-	9.75	9.75	1.00
	20	1 m^2	-	-	-	-	13	13.00	1.25
Solid Parquet Block (European made)	16	1 m^2	-	-	-	-	10.4	10.40	1.00
	22	1 m^2	-	-	-	-	14.3	14.30	1.38
Whalebone	16	1 m^2	-	-	-	-	10.4	10.40	1.00
	20	1 m^2	-	-	-	-	13.0	13.00	1.25
Chevron	16	1 m^2	-	-	-	-	10.4	10.40	1.00
	20	1 m^2	-	-	-	-	13.0	13.00	1.25
Solid Line	10	1 m^2	-	-	-	0.127	6.5	6.63	1.00
	15	1 m^2	-	-	-	0.127	9.75	9.88	1.50
Industrial parquet	10	1 m^2	-	-	0.004	-	6.5	6.50	1.00
	23	1 m^2	-	-	0.004	-	14.95	14.95	2.30
End Grain Floor	15	1 m^2	-	0.0136	-	-	9.75	9.76	1.00
	22	1 m^2	-	0.0205	-	-	14.3	14.32	1.47
Mosaic parquet	8	1 m^2	0.0225	-	-	-	5.2	5.22	1.00
	10	1 m^2	0.0225	-	-	-	6.5	6.52	1.25

The declared unit (1 m^2) is calculated based on the measurements of the various floor components.

The density of oak and ash are both 650kg/m^3 at 8% moisture content. The amount of tape and adhesive for the floor is minimal compared to the use of wood making up all the floors. These floors are also sold in other thicknesses than the once showed here but use of the scaling factor.

Secondary components:

- Adhesive grid (Mosaic parquet)
- Tape (End Grain Floor)
- BOPP film (Industrial parquet)
- Wood strips (Solid line)

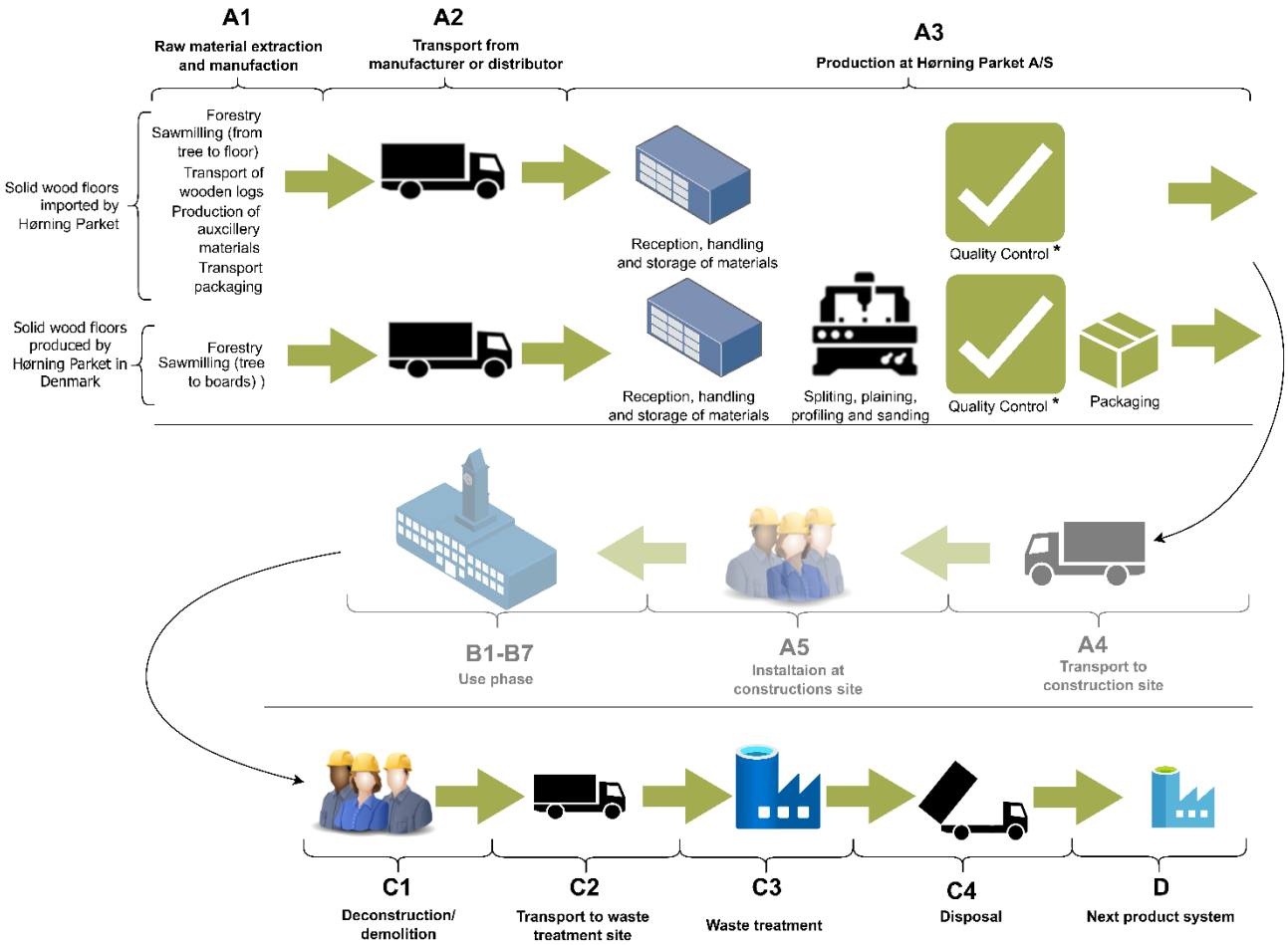
Functional unit

N/A

PCR

This EPD is developed according to the core rules for the product category of construction products in EN 15804:2012+A2:2019 (2019-11-04), and cPCR EN 16485:2014 (2014-05-02) concerning wood and wood-based products for use in construction

Flow chart for all declared products



* Sustainability and tracability control, moisture control, dimension control, grading and surface control

System boundary

This study is cradle-to-gate and covers the life cycle sub modules A1-A3, C1-C4 and D, in which 100 weight-% has been accounted for.

The general rules apply for exclusion of inputs and outputs in the LCA, is in compliance with the rules in EN 15804:2012+A2:2019, 6.3.5, where the omission for input-flows pr. module must be maximum 5 % of energy usage and mass and at most 1 % for unit processes.

Product stage (A1-A3):
The product stage comprises the acquisition of all raw materials, products and energy, transport to the production site, packaging and waste processing up to the "end-of-waste" state or final disposal. The LCA results are declared in aggregated form for the product stage, which means, that the sub-modules A1, A2 and A3 are declared as one module A1-A3.

All the floor products in this study consist of wooden planks made of either oak or ash. For the pre-manufactured solid wooden floors some additional tape or oak strips are used to hold the planks together. As prescribed by EN 15804:2012 +A2:2019, material flows carrying specific inherent properties i.e. energy content or elementary composition (e.g. biogenic carbon content), shall always be allocated reflecting the physical flow, irrespective of the allocation chosen for the process. Consequently, all by products resulting in downstream processes (e.g. boards and sawdust) are attributed the burdens of the forestry activities and transport from forests to the sawmill by mass allocation, which has required modifications to the generic datasets.

For the production at the Hørning Parket A/S facilities, electricity, district heating, diesel and propane (for forklifts) are used as energy sources. Due to the disparity between processing of locally produced and pre-manufactured products, economic allocation is applied to the energy consumption on the site. Consequently, the share of gross profit is used as an allocation key since the difference in profit represents the additional energy and work that has gone into drying, splitting, and planning, compared to the pre-manufactured products. Electricity is the main source for the operation of the facilities, whereas district heat are used for drying planks and maintaining a comfortable working environment. Hørning Parket A/S uses water for both sanitary purposes and for the process of maintaining the humidity of all solid wooden floors in storage.

End of Life (C1-C4):
The deconstruction of the products covered by this study is assumed to be done manually, and thus does not require any processes with an environmental impact.

Parquet floors are assumed to be transported from the demolition site to a waste facility where they are shredded. After this, the wood chips are transported to a municipal plant where they are incinerated for energy recovery. 100% of the waste wood is processed by energy recovery through municipal incineration.

As specified in the cPCR, EN 16485:2014, Section 6.3.4.5, page 18, the default attribution of end-of-life processes of wood and wood-based products does not include landfilling (C4) after energy recovery. Moreover, it can be assumed that fly ash produced from the municipal incineration process is used in new production cycles as instead of being disposed. Therefore, disposal does not take place.

Re-use, recovery and recycling potential (D):
All of the materials used in the production and maintenance of pallets have potential benefits and load beyond the system boundary. Primarily this consists of the waste wood, which is sent for energy recovery through municipal incineration with fly ash extraction. Electricity generated through the waste incineration at the CHP plant is assumed to replace the average Danish electricity mix (ID#2), while thermal energy is utilized as district heating. Due to the constrained conditions of the technologies on the market, it is assumed that thermal energy replaces heating from natural gas.

LCA results

Solid Parquet Block (DK) 15 mm thickness (Untreated):

Solid Parquet Block (DK) 15 mm thickness (Untreated) ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	-1.31E+01	0.00E+00	1.62E-01	1.55E+01	0.00E+00	-1.47E+00
GWP-fossil	[kg CO_2 eq.]	2.18E+00	0.00E+00	1.62E-01	1.86E-01	0.00E+00	-1.43E+00
GWP-biogenic	[kg CO_2 eq.]	-1.53E+01	0.00E+00	1.38E-04	1.53E+01	0.00E+00	-3.17E-02
GWP-luluc	[kg CO_2 eq.]	1.49E-02	0.00E+00	6.36E-05	1.43E-04	0.00E+00	-1.33E-03
ODP	[kg CFC 11 eq.]	3.39E-07	0.00E+00	3.75E-08	1.17E-08	0.00E+00	-6.50E-08
AP	[mol H^+ eq.]	1.02E-02	0.00E+00	6.58E-04	1.74E-03	0.00E+00	-2.93E-03
EP-freshwater	[kg PO_4 eq.]	8.55E-04	0.00E+00	1.04E-05	8.86E-05	0.00E+00	-4.82E-04
EP-marine	[kg N eq.]	3.13E-03	0.00E+00	1.98E-04	8.69E-04	0.00E+00	-8.26E-04
EP-terrestrial	[mol N eq.]	3.44E-02	0.00E+00	2.16E-03	8.39E-03	0.00E+00	-9.06E-03
POCP	[kg NMVOC eq.]	1.26E-02	0.00E+00	6.63E-04	2.05E-03	0.00E+00	-2.20E-03
ADPm[1]	[kg Sb eq.]	7.53E-06	0.00E+00	5.63E-07	5.62E-07	0.00E+00	-3.51E-06
ADPf[1]	[MJ]	3.24E+01	0.00E+00	2.45E+00	1.85E+00	0.00E+00	-2.34E+01
WDP[1]	[m^3 world eq. deprived]	3.00E-01	0,00E+00	7.34E-03	3.31E-02	0,00E+00	-2,20E-01
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water use						
Disclaimer	[1] The results of this environmental indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.						

Solid Parquet Block (DK) 15 mm thickness (Untreated) ADIDITIONAL ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	1.73E-07	0,00E+00	1,40E-08	1,76E-08	0,00E+00	-1,53E-08
IRP[2]	[kBq U235 eq.]	3.27E-01	0,00E+00	1,26E-02	1,71E-02	0,00E+00	-1,62E-01
ETP-fw[1]	[CTUe]	3.96E+01	0,00E+00	1,91E+00	3,21E+00	0,00E+00	-1,43E+01
HTP-c[1]	[CTUh]	1.52E-09	0,00E+00	6,19E-11	4,04E-10	0,00E+00	-2,90E-10
HTP-nc[1]	[CTUh]	3.66E-08	0,00E+00	2,00E-09	1,78E-08	0,00E+00	-8,36E-09
Caption	**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**						
Disclaimer	[1] The results of this environmental 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.						

Solid Parquet Block (DK) 15 mm thickness (Untreated) RESOURCE USE PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	6.52E+01	0,00E+00	3,46E-02	6,79E-01	0,00E+00	-7,55E+00
PERM	[MJ]	1.83E+02	0,00E+00	0,00E+00	-1,83E+02	0,00E+00	0,00E+00
PERT	[MJ]	2.49E+02	0,00E+00	3,46E-02	-1,83E+02	0,00E+00	-7,55E+00
PENRE	[MJ]	3.24E+01	0,00E+00	2,45E+00	1,85E+00	0,00E+00	-2,34E+01
PENRM	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	3.24E+01	0,00E+00	2,45E+00	1,85E+00	0,00E+00	-2,34E+01
SM	[kg]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	3.55E-02	0,00E+00	2,73E-04	4,16E-03	0,00E+00	-2,56E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water						

Solid Parquet Block (DK) 15 mm thickness (Untreated) WASTE CATEGORIES AND OUTPUT FLOWS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	7.18E-05	0,00E+00	6,40E-06	1,98E-05	0,00E+00	-2,08E-05
NHWD	[kg]	1.39E+00	0,00E+00	1,26E-01	7,16E-02	0,00E+00	-6,38E-02
RWD	[kg]	1.87E-04	0,00E+00	1,66E-05	5,70E-06	0,00E+00	-4,12E-05
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	[kg]	6,47E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	8,24E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	3,09E+01	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EE = Exported energy						

Solid Parquet Block (DK) 15 mm thickness (Untreated) BIOGENIC CARBON CONTENT PER 1m²		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	4.51
Biogenic carbon content in accompanying packagaing	[kg C]	0.10
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

Solid Parquet Block (EU) 16 mm thickness (Untreated):

Solid Parquet Block (EU) 16 mm thickness (Untreated) ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	-1.29E+01	0,00E+00	1,73E-01	1,65E+01	0,00E+00	-1,57E+00
GWP-fossil	[kg CO_2 eq.]	3.37E+00	0,00E+00	1,73E-01	1,98E-01	0,00E+00	-1,53E+00
GWP-biogenic	[kg CO_2 eq.]	-1.63E+01	0,00E+00	1,47E-04	1,64E+01	0,00E+00	-3,38E-02
GWP-luluc	[kg CO_2 eq.]	1.43E-02	0,00E+00	6,79E-05	1,53E-04	0,00E+00	-1,42E-03
ODP	[kg CFC 11 eq.]	4.38E-07	0,00E+00	4,00E-08	1,25E-08	0,00E+00	-6,93E-08
AP	[mol H^+ eq.]	2.24E-02	0,00E+00	7,02E-04	1,85E-03	0,00E+00	-3,13E-03
EP-freshwater	[kg PO_4 eq.]	1.94E-03	0,00E+00	1,11E-05	9,45E-05	0,00E+00	-5,14E-04
EP-marine	[kg N eq.]	6.11E-03	0,00E+00	2,11E-04	9,27E-04	0,00E+00	-8,81E-04
EP-terrestrial	[mol N eq.]	6.52E-02	0,00E+00	2,31E-03	8,95E-03	0,00E+00	-9,66E-03
POCP	[kg NMVOC eq.]	2.10E-02	0,00E+00	7,07E-04	2,19E-03	0,00E+00	-2,34E-03
ADPm[1]	[kg Sb eq.]	8.79E-06	0,00E+00	6,01E-07	5,99E-07	0,00E+00	-3,74E-06
ADPf[1]	[MJ]	4.54E+01	0,00E+00	2,61E+00	1,97E+00	0,00E+00	-2,50E+01
WDP[1]	[m^3 world eq. deprived]	4.25E-01	0,00E+00	7,83E-03	3,53E-02	0,00E+00	-2,34E-01
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water use							
Disclaimer	[1] The results of this environmental indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.						

Solid Parquet Block (EU) 16 mm thickness (Untreated) ADIDITIONAL ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	7.51E-07	0,00E+00	1,49E-08	1,88E-08	0,00E+00	-1,63E-08
IRP[2]	[kBq U235 eq.]	2.54E-01	0,00E+00	1,34E-02	1,82E-02	0,00E+00	-1,73E-01
ETP-fw[1]	[CTUe]	8.27E+01	0,00E+00	2,04E+00	3,42E+00	0,00E+00	-1,53E+01
HTP-c[1]	[CTUh]	2.36E-09	0,00E+00	6,61E-11	4,31E-10	0,00E+00	-3,10E-10
HTP-nc[1]	[CTUh]	7.07E-08	0,00E+00	2,14E-09	1,89E-08	0,00E+00	-8,92E-09
Caption	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						
Disclaimer	[1] The results of this environmental 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.						

Solid Parquet Block (EU) 16 mm thickness (Untreated) RESOURCE USE PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	4.73E+01	0,00E+00	3,69E-02	7,25E-01	0,00E+00	-8,05E+00
PERM	[MJ]	1.96E+02	0,00E+00	0,00E+00	-1,96E+02	0,00E+00	0,00E+00
PERT	[MJ]	2.43E+02	0,00E+00	3,69E-02	-1,95E+02	0,00E+00	-8,05E+00
PENRE	[MJ]	4.54E+01	0,00E+00	2,61E+00	1,97E+00	0,00E+00	-2,50E+01
PENRM	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	4.54E+01	0,00E+00	2,61E+00	1,97E+00	0,00E+00	-2,50E+01
SM	[kg]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	5.26E-02	0,00E+00	2,91E-04	4,44E-03	0,00E+00	-2,73E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water						

Solid Parquet Block (EU) 16 mm thickness (Untreated) WASTE CATEGORIES AND OUTPUT FLOWS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	9.61E-05	0,00E+00	6,83E-06	2,11E-05	0,00E+00	-2,22E-05
NHWD	[kg]	2.28E+00	0,00E+00	1,34E-01	7,64E-02	0,00E+00	-6,80E-02
RWD	[kg]	2.14E-04	0,00E+00	1,77E-05	6,08E-06	0,00E+00	-4,39E-05
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	8,78E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	3,29E+01	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EE = Exported energy						

Solid Parquet Block (EU) 16 mm thickness (Untreated) BIOGENIC CARBON CONTENT PER 1m²		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	4.81
Biogenic carbon content in accompanying packagaing	[kg C]	0.11
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

Whalebone 16 mm thickness (Untreated):

Whalebone 16 mm thickness (Untreated) ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	-1.30E+01	0,00E+00	1,73E-01	1,65E+01	0,00E+00	-1,57E+00
GWP-fossil	[kg CO_2 eq.]	3.30E+00	0,00E+00	1,73E-01	1,98E-01	0,00E+00	-1,53E+00
GWP-biogenic	[kg CO_2 eq.]	-1.63E+01	0,00E+00	1,47E-04	1,64E+01	0,00E+00	-3,38E-02
GWP-luluc	[kg CO_2 eq.]	1.46E-02	0,00E+00	6,79E-05	1,53E-04	0,00E+00	-1,42E-03
ODP	[kg CFC 11 eq.]	4.38E-07	0,00E+00	4,00E-08	1,25E-08	0,00E+00	-6,93E-08
AP	[mol H^+ eq.]	2.17E-02	0,00E+00	7,02E-04	1,85E-03	0,00E+00	-3,13E-03
EP-freshwater	[kg PO_4 eq.]	1.81E-03	0,00E+00	1,11E-05	9,45E-05	0,00E+00	-5,14E-04
EP-marine	[kg N eq.]	6.02E-03	0,00E+00	2,11E-04	9,27E-04	0,00E+00	-8,81E-04
EP-terrestrial	[mol N eq.]	6.44E-02	0,00E+00	2,31E-03	8,95E-03	0,00E+00	-9,66E-03
POCP	[kg NMVOC eq.]	2.08E-02	0,00E+00	7,07E-04	2,19E-03	0,00E+00	-2,34E-03
ADPm[1]	[kg Sb eq.]	8.77E-06	0,00E+00	6,01E-07	5,99E-07	0,00E+00	-3,74E-06
ADPf[1]	[MJ]	4.49E+01	0,00E+00	2,61E+00	1,97E+00	0,00E+00	-2,50E+01
WDP[1]	[m^3 world eq. deprived]	4.18E-01	0,00E+00	7,83E-03	3,53E-02	0,00E+00	-2,34E-01
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water use						
Disclaimer	[1] The results of this environmental indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.						

Whalebone 16 mm thickness (Untreated) ADIDITIONAL ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	7.50E-07	0,00E+00	1,49E-08	1,88E-08	0,00E+00	-1,63E-08
IRP[2]	[kBq U235 eq.]	2.68E-01	0,00E+00	1,34E-02	1,82E-02	0,00E+00	-1,73E-01
ETP-fw[1]	[CTUe]	8.15E+01	0,00E+00	2,04E+00	3,42E+00	0,00E+00	-1,53E+01
HTP-c[1]	[CTUh]	2.34E-09	0,00E+00	6,61E-11	4,31E-10	0,00E+00	-3,10E-10
HTP-nc[1]	[CTUh]	6.91E-08	0,00E+00	2,14E-09	1,89E-08	0,00E+00	-8,92E-09
Caption	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						
Disclaimer	[1] The results of this environmental 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.						

Whalebone 16 mm thickness (Untreated) RESOURCE USE PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	4.74E+01	0,00E+00	3,69E-02	7,25E-01	0,00E+00	-8,05E+00
PERM	[MJ]	1.96E+02	0,00E+00	0,00E+00	-1,96E+02	0,00E+00	0,00E+00
PERT	[MJ]	2.43E+02	0,00E+00	3,69E-02	-1,95E+02	0,00E+00	-8,05E+00
PENRE	[MJ]	4.49E+01	0,00E+00	2,61E+00	1,97E+00	0,00E+00	-2,50E+01
PENRM	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	4.49E+01	0,00E+00	2,61E+00	1,97E+00	0,00E+00	-2,50E+01
SM	[kg]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	4.98E-02	0,00E+00	2,91E-04	4,44E-03	0,00E+00	-2,73E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water						

Whalebone 16 mm thickness (Untreated) WASTE CATEGORIES AND OUTPUT FLOWS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	9.61E-05	0,00E+00	6,83E-06	2,11E-05	0,00E+00	-2,22E-05
NHWD	[kg]	2.26E+00	0,00E+00	1,34E-01	7,64E-02	0,00E+00	-6,80E-02
RWD	[kg]	2.16E-04	0,00E+00	1,77E-05	6,08E-06	0,00E+00	-4,39E-05
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	8,78E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	3,29E+01	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EE = Exported energy						

Whalebone 16 mm thickness (Untreated) BIOGENIC CARBON CONTENT PER 1m²		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	4.81
Biogenic carbon content in accompanying packagaing	[kg C]	0.11
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

Chevron 16 mm thickness (Untreated):

Chevron 16 mm thickness (Untreated) ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	-1.29E+01	0,00E+00	1,73E-01	1,65E+01	0,00E+00	-1,57E+00
GWP-fossil	[kg CO_2 eq.]	3.36E+00	0,00E+00	1,73E-01	1,98E-01	0,00E+00	-1,53E+00
GWP-biogenic	[kg CO_2 eq.]	-1.63E+01	0,00E+00	1,47E-04	1,64E+01	0,00E+00	-3,38E-02
GWP-luluc	[kg CO_2 eq.]	1.43E-02	0,00E+00	6,79E-05	1,53E-04	0,00E+00	-1,42E-03
ODP	[kg CFC 11 eq.]	4.35E-07	0,00E+00	4,00E-08	1,25E-08	0,00E+00	-6,93E-08
AP	[mol H^+ eq.]	2.23E-02	0,00E+00	7,02E-04	1,85E-03	0,00E+00	-3,13E-03
EP-freshwater	[kg PO_4 eq.]	1.93E-03	0,00E+00	1,11E-05	9,45E-05	0,00E+00	-5,14E-04
EP-marine	[kg N eq.]	6.10E-03	0,00E+00	2,11E-04	9,27E-04	0,00E+00	-8,81E-04
EP-terrestrial	[mol N eq.]	6.50E-02	0,00E+00	2,31E-03	8,95E-03	0,00E+00	-9,66E-03
POCP	[kg NMVOC eq.]	2.10E-02	0,00E+00	7,07E-04	2,19E-03	0,00E+00	-2,34E-03
ADPm[1]	[kg Sb eq.]	8.76E-06	0,00E+00	6,01E-07	5,99E-07	0,00E+00	-3,74E-06
ADPf[1]	[MJ]	4.52E+01	0,00E+00	2,61E+00	1,97E+00	0,00E+00	-2,50E+01
WDP[1]	[m^3 world eq. deprived]	4.24E-01	0,00E+00	7,83E-03	3,53E-02	0,00E+00	-2,34E-01
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water use						
Disclaimer	[1] The results of this environmental indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.						

Chevron 16 mm thickness (Untreated) ADIDITIONAL ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	7.50E-07	0,00E+00	1,49E-08	1,88E-08	0,00E+00	-1,63E-08
IRP[2]	[kBq U235 eq.]	2.53E-01	0,00E+00	1,34E-02	1,82E-02	0,00E+00	-1,73E-01
ETP-fw[1]	[CTUe]	8.25E+01	0,00E+00	2,04E+00	3,42E+00	0,00E+00	-1,53E+01
HTP-c[1]	[CTUh]	2.36E-09	0,00E+00	6,61E-11	4,31E-10	0,00E+00	-3,10E-10
HTP-nc[1]	[CTUh]	7.05E-08	0,00E+00	2,14E-09	1,89E-08	0,00E+00	-8,92E-09
Caption	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						
Disclaimer	[1] The results of this environmental 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.						

Chevron 16 mm thickness (Untreated) RESOURCE USE PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	4.73E+01	0,00E+00	3,69E-02	7,25E-01	0,00E+00	-8,05E+00
PERM	[MJ]	1.96E+02	0,00E+00	0,00E+00	-1,96E+02	0,00E+00	0,00E+00
PERT	[MJ]	2.43E+02	0,00E+00	3,69E-02	-1,95E+02	0,00E+00	-8,05E+00
PENRE	[MJ]	4.52E+01	0,00E+00	2,61E+00	1,97E+00	0,00E+00	-2,50E+01
PENRM	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	4.52E+01	0,00E+00	2,61E+00	1,97E+00	0,00E+00	-2,50E+01
SM	[kg]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	5.26E-02	0,00E+00	2,91E-04	4,44E-03	0,00E+00	-2,73E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water						

Chevron 16 mm thickness (Untreated) WASTE CATEGORIES AND OUTPUT FLOWS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	9.56E-05	0,00E+00	6,83E-06	2,11E-05	0,00E+00	-2,22E-05
NHWD	[kg]	2.26E+00	0,00E+00	1,34E-01	7,64E-02	0,00E+00	-6,80E-02
RWD	[kg]	2.12E-04	0,00E+00	1,77E-05	6,08E-06	0,00E+00	-4,39E-05
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	8,78E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	3,29E+01	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EE = Exported energy						

Chevron 16 mm thickness (Untreated) BIOGENIC CARBON CONTENT PER 1m²		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	4.81
Biogenic carbon content in accompanying packagaing	[kg C]	0.11
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

Solid Line 10 mm thickness (Untreated):

Solid Line 10 mm thickness (Untreated) ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	-8.49E+00	0,00E+00	1,08E-01	1,03E+01	0,00E+00	-9,79E-01
GWP-fossil	[kg CO_2 eq.]	1.69E+00	0,00E+00	1,08E-01	1,24E-01	0,00E+00	-9,56E-01
GWP-biogenic	[kg CO_2 eq.]	-1.02E+01	0,00E+00	9,21E-05	1,02E+01	0,00E+00	-2,11E-02
GWP-luluc	[kg CO_2 eq.]	9.34E-03	0,00E+00	4,24E-05	9,54E-05	0,00E+00	-8,85E-04
ODP	[kg CFC 11 eq.]	2.77E-07	0,00E+00	2,50E-08	7,81E-09	0,00E+00	-4,33E-08
AP	[mol H^+ eq.]	9.81E-03	0,00E+00	4,39E-04	1,16E-03	0,00E+00	-1,95E-03
EP-freshwater	[kg PO_4 eq.]	6.51E-04	0,00E+00	6,96E-06	5,91E-05	0,00E+00	-3,21E-04
EP-marine	[kg N eq.]	3.36E-03	0,00E+00	1,32E-04	5,80E-04	0,00E+00	-5,51E-04
EP-terrestrial	[mol N eq.]	3.71E-02	0,00E+00	1,44E-03	5,59E-03	0,00E+00	-6,04E-03
POCP	[kg NMVOC eq.]	1.20E-02	0,00E+00	4,42E-04	1,37E-03	0,00E+00	-1,47E-03
ADPm[1]	[kg Sb eq.]	5.81E-06	0,00E+00	3,76E-07	3,74E-07	0,00E+00	-2,34E-06
ADPf[1]	[MJ]	2.48E+01	0,00E+00	1,63E+00	1,23E+00	0,00E+00	-1,56E+01
WDP[1]	[m^3 world eq. deprived]	2.11E-01	0,00E+00	4,89E-03	2,21E-02	0,00E+00	-1,46E-01
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water use						
Disclaimer	[1] The results of this environmental indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.						

Solid Line 10 mm thickness (Untreated) ADIDITIONAL ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	4.71E-07	0,00E+00	9,32E-09	1,17E-08	0,00E+00	-1,02E-08
IRP[2]	[kBq U235 eq.]	2.10E-01	0,00E+00	8,40E-03	1,14E-02	0,00E+00	-1,08E-01
ETP-fw[1]	[CTUe]	4.24E+01	0,00E+00	1,27E+00	2,14E+00	0,00E+00	-9,55E+00
HTP-c[1]	[CTUh]	1.34E-09	0,00E+00	4,13E-11	2,69E-10	0,00E+00	-1,94E-10
HTP-nc[1]	[CTUh]	3.55E-08	0,00E+00	1,34E-09	1,18E-08	0,00E+00	-5,57E-09
Caption	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						
Disclaimer	[1] The results of this environmental 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.						

Solid Line 10 mm thickness (Untreated) RESOURCE USE PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	3.29E+01	0,00E+00	2,31E-02	4,53E-01	0,00E+00	-5,03E+00
PERM	[MJ]	1.25E+02	0,00E+00	0,00E+00	-1,25E+02	0,00E+00	0,00E+00
PERT	[MJ]	1.57E+02	0,00E+00	2,31E-02	-1,24E+02	0,00E+00	-5,03E+00
PENRE	[MJ]	2.48E+01	0,00E+00	1,63E+00	1,23E+00	0,00E+00	-1,56E+01
PENRM	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2.48E+01	0,00E+00	1,63E+00	1,23E+00	0,00E+00	-1,56E+01
SM	[kg]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	1.96E-02	0,00E+00	1,82E-04	2,78E-03	0,00E+00	-1,70E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water						

Solid Line 10 mm thickness (Untreated) WASTE CATEGORIES AND OUTPUT FLOWS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	6.07E-05	0,00E+00	4,27E-06	1,32E-05	0,00E+00	-1,39E-05
NHWD	[kg]	1.38E+00	0,00E+00	8,40E-02	4,78E-02	0,00E+00	-4,25E-02
RWD	[kg]	1.44E-04	0,00E+00	1,10E-05	3,80E-06	0,00E+00	-2,75E-05
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	5,47E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	2,06E+01	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EE = Exported energy						

Solid Line 10 mm thickness (Untreated) BIOGENIC CARBON CONTENT PER 1m²		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	3.01
Biogenic carbon content in accompanying packagaing	[kg C]	0.07
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

Industrial Parquet 10 mm thickness (Untreated):

Industrial Parquet 10 mm thickness (Untreated) ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	-8.01E+00	0,00E+00	1,08E-01	1,03E+01	0,00E+00	-9,79E-01
GWP-fossil	[kg CO_2 eq.]	2.17E+00	0,00E+00	1,08E-01	1,24E-01	0,00E+00	-9,56E-01
GWP-biogenic	[kg CO_2 eq.]	-1.02E+01	0,00E+00	9,21E-05	1,02E+01	0,00E+00	-2,11E-02
GWP-luluc	[kg CO_2 eq.]	9.49E-03	0,00E+00	4,24E-05	9,54E-05	0,00E+00	-8,85E-04
ODP	[kg CFC 11 eq.]	3.52E-07	0,00E+00	2,50E-08	7,81E-09	0,00E+00	-4,33E-08
AP	[mol H^+ eq.]	1.44E-02	0,00E+00	4,39E-04	1,16E-03	0,00E+00	-1,95E-03
EP-freshwater	[kg PO_4 eq.]	5.65E-04	0,00E+00	6,96E-06	5,91E-05	0,00E+00	-3,21E-04
EP-marine	[kg N eq.]	4.21E-03	0,00E+00	1,32E-04	5,80E-04	0,00E+00	-5,51E-04
EP-terrestrial	[mol N eq.]	4.65E-02	0,00E+00	1,44E-03	5,59E-03	0,00E+00	-6,04E-03
POCP	[kg NMVOC eq.]	1.47E-02	0,00E+00	4,42E-04	1,37E-03	0,00E+00	-1,47E-03
ADPm[1]	[kg Sb eq.]	6.54E-06	0,00E+00	3,76E-07	3,74E-07	0,00E+00	-2,34E-06
ADPf[1]	[MJ]	3.71E+01	0,00E+00	1,63E+00	1,23E+00	0,00E+00	-1,56E+01
WDP[1]	[m^3 world eq. deprived]	3.14E-01	0,00E+00	4,89E-03	2,21E-02	0,00E+00	-1,46E-01
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water use						
Disclaimer	[1] The results of this environmental indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.						

Industrial Parquet 10 mm thickness (Untreated) ADIDITIONAL ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	5.08E-07	0,00E+00	9,32E-09	1,17E-08	0,00E+00	-1,02E-08
IRP[2]	[kBq U235 eq.]	5.14E-01	0,00E+00	8,40E-03	1,14E-02	0,00E+00	-1,08E-01
ETP-fw[1]	[CTUe]	5.61E+01	0,00E+00	1,27E+00	2,14E+00	0,00E+00	-9,55E+00
HTP-c[1]	[CTUh]	1.50E-09	0,00E+00	4,13E-11	2,69E-10	0,00E+00	-1,94E-10
HTP-nc[1]	[CTUh]	4.33E-08	0,00E+00	1,34E-09	1,18E-08	0,00E+00	-5,57E-09
Caption	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						
Disclaimer	[1] The results of this environmental 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.						

Industrial Parquet 10 mm thickness (Untreated) RESOURCE USE PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	3.08E+01	0,00E+00	2,31E-02	4,53E-01	0,00E+00	-5,03E+00
PERM	[MJ]	1.22E+02	0,00E+00	0,00E+00	-1,22E+02	0,00E+00	0,00E+00
PERT	[MJ]	1.53E+02	0,00E+00	2,31E-02	-1,22E+02	0,00E+00	-5,03E+00
PENRE	[MJ]	3.71E+01	0,00E+00	1.63E+00	1.23E+00	0,00E+00	-1.56E+01
PENRM	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	3.71E+01	0,00E+00	1.63E+00	1.23E+00	0,00E+00	-1.56E+01
SM	[kg]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	1.80E-02	0,00E+00	1,82E-04	2,78E-03	0,00E+00	-1,70E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water						

Industrial Parquet 10 mm thickness (Untreated) WASTE CATEGORIES AND OUTPUT FLOWS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	7.27E-05	0,00E+00	4,27E-06	1,32E-05	0,00E+00	-1,39E-05
NHWD	[kg]	1.86E+00	0,00E+00	8,40E-02	4,78E-02	0,00E+00	-4,25E-02
RWD	[kg]	2.45E-04	0,00E+00	1,10E-05	3,80E-06	0,00E+00	-2,75E-05
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	5,47E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	2,06E+01	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EE = Exported energy						

Industrial Parquet 10 mm thickness (Untreated) BIOGENIC CARBON CONTENT PER 1m²		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	3.01
Biogenic carbon content in accompanying packagaing	[kg C]	0.07
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

End Grain Floor 15 mm thickness (Untreated):

End Grain Floor 15 mm thickness (Untreated) ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	-1.29E+01	0,00E+00	1,62E-01	1,65E+01	0,00E+00	-1,47E+00
GWP-fossil	[kg CO_2 eq.]	3.36E+00	0,00E+00	1,62E-01	1,86E-01	0,00E+00	-1,43E+00
GWP-biogenic	[kg CO_2 eq.]	-1.63E+01	0,00E+00	1,38E-04	1,64E+01	0,00E+00	-3,17E-02
GWP-luluc	[kg CO_2 eq.]	1.35E-02	0,00E+00	6,36E-05	1,43E-04	0,00E+00	-1,33E-03
ODP	[kg CFC 11 eq.]	4.55E-07	0,00E+00	3,75E-08	1,17E-08	0,00E+00	-6,50E-08
AP	[mol H^+ eq.]	2.18E-02	0,00E+00	6,58E-04	1,74E-03	0,00E+00	-2,93E-03
EP-freshwater	[kg PO_4 eq.]	1.84E-03	0,00E+00	1,04E-05	8,86E-05	0,00E+00	-4,80E-04
EP-marine	[kg N eq.]	5.98E-03	0,00E+00	1,98E-04	8,69E-04	0,00E+00	-8,30E-04
EP-terrestrial	[mol N eq.]	6.39E-02	0,00E+00	2,17E-03	8,39E-03	0,00E+00	-9,06E-03
POCP	[kg NMVOC eq.]	2.06E-02	0,00E+00	6,63E-04	2,05E-03	0,00E+00	-2,20E-03
ADPm[1]	[kg Sb eq.]	8.73E-06	0,00E+00	5,63E-07	5,62E-07	0,00E+00	-3,50E-06
ADPf[1]	[MJ]	4.57E+01	0,00E+00	2,45E+00	1,85E+00	0,00E+00	-2,34E+01
WDP[1]	[m^3 world eq. deprived]	4,11E-01	0,00E+00	7,34E-03	3,31E-02	0,00E+00	-2,20E-01
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water use						
Disclaimer	[1] The results of this environmental indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.						

End Grain Floor 15 mm thickness (Untreated) ADIDITIONAL ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	7.26E-07	0,00E+00	1,40E-08	1,76E-08	0,00E+00	-1,50E-08
IRP[2]	[kBq U235 eq.]	2.57E-01	0,00E+00	1,26E-02	1,71E-02	0,00E+00	-1,62E-01
ETP-fw[1]	[CTUe]	8.02E+01	0,00E+00	1,91E+00	3,21E+00	0,00E+00	-1,43E+01
HTP-c[1]	[CTUh]	2.29E-09	0,00E+00	6,19E-11	4,04E-10	0,00E+00	-2,90E-10
HTP-nc[1]	[CTUh]	6.89E-08	0,00E+00	2,00E-09	1,78E-08	0,00E+00	-8,40E-09
Caption	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						
Disclaimer	[1] The results of this environmental 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.						

End Grain Floor 15 mm thickness (Untreated) RESOURCE USE PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	4.46E+01	0,00E+00	3,46E-02	6,79E-01	0,00E+00	-7,55E+00
PERM	[MJ]	1.83E+02	0,00E+00	0,00E+00	-1,83E+02	0,00E+00	0,00E+00
PERT	[MJ]	2.28E+02	0,00E+00	3,46E-02	-1,83E+02	0,00E+00	-7,55E+00
PENRE	[MJ]	4.57E+01	0,00E+00	2,45E+00	1,85E+00	0,00E+00	-2,34E+01
PENRM	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	4.57E+01	0,00E+00	2,45E+00	1,85E+00	0,00E+00	-2,34E+01
SM	[kg]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	5.03E-02	0,00E+00	2,73E-04	4,16E-03	0,00E+00	-2,56E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water						

End Grain Floor 15 mm thickness (Untreated) WASTE CATEGORIES AND OUTPUT FLOWS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	9.72E-05	0,00E+00	6,40E-06	1,98E-05	0,00E+00	-2,08E-05
NHWD	[kg]	2.41E+00	0,00E+00	1,26E-01	7,16E-02	0,00E+00	-6,38E-02
RWD	[kg]	2.21E-04	0,00E+00	1,66E-05	5,70E-06	0,00E+00	-4,12E-05
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	8,24E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	3,09E+01	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EE = Exported energy						

End Grain Floor 15 mm thickness (Untreated) BIOGENIC CARBON CONTENT PER 1m²		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	4.51
Biogenic carbon content in accompanying packagaing	[kg C]	0.10
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

Mosaic Parquet 8 mm thickness (Untreated):

Mosaic Parquet 8 mm thickness (Untreated) ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	[kg CO_2 eq.]	-6.20E+00	0,00E+00	8,65E-02	8,27E+00	0,00E+00	-7,83E-01
GWP-fossil	[kg CO_2 eq.]	1.94E+00	0,00E+00	8,64E-02	9,91E-02	0,00E+00	-7,65E-01
GWP-biogenic	[kg CO_2 eq.]	-8.15E+00	0,00E+00	7,37E-05	8,18E+00	0,00E+00	-1,69E-02
GWP-luluc	[kg CO_2 eq.]	7.52E-03	0,00E+00	3,39E-05	7,63E-05	0,00E+00	-7,08E-04
ODP	[kg CFC 11 eq.]	2.48E-07	0,00E+00	2,00E-08	6,25E-09	0,00E+00	-3,47E-08
AP	[mol H^+ eq.]	1.23E-02	0,00E+00	3,51E-04	9,27E-04	0,00E+00	-1,56E-03
EP-freshwater	[kg PO_4 eq.]	1.08E-03	0,00E+00	5,57E-06	4,73E-05	0,00E+00	-2,57E-04
EP-marine	[kg N eq.]	3.34E-03	0,00E+00	1,06E-04	4,64E-04	0,00E+00	-4,40E-04
EP-terrestrial	[mol N eq.]	3.59E-02	0,00E+00	1,15E-03	4,48E-03	0,00E+00	-4,83E-03
POCP	[kg NMVOC eq.]	1.14E-02	0,00E+00	3,54E-04	1,10E-03	0,00E+00	-1,17E-03
ADPm[1]	[kg Sb eq.]	5.71E-06	0,00E+00	3,01E-07	3,00E-07	0,00E+00	-1,87E-06
ADPf[1]	[MJ]	2.71E+01	0,00E+00	1,31E+00	9,85E-01	0,00E+00	-1,25E+01
WDP[1]	[m^3 world eq. deprived]	2.86E-01	0,00E+00	3,91E-03	1,76E-02	0,00E+00	-1,17E-01
Caption	GWP-total = Globale 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 = Ozone Depletion; AP = Acidifcation; EP-freshwater = Eutrophication – aquatic freshwater; EP-marine = Eutrophication – aquatic marine; EP-terrestrial = Eutrophication – terrestrial; POCP = Photochemical zone formation; ADPm = Abiotic Depletion Potential – minerals and metals; ADPf = Abiotic Depletion Potential – fossil fuels; WDP = water use						
Disclaimer	[1] The results of this environmental indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.						

Mosaic Parquet 8 mm thickness (Untreated) ADIDITIONAL ENVIRONMENTAL IMPACTS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PM	[Disease incidence]	3.91E-07	0,00E+00	7,46E-09	9,40E-09	0,00E+00	-8,14E-09
IRP[2]	[kBq U235 eq.]	1.70E-01	0,00E+00	6,72E-03	9,10E-03	0,00E+00	-8,64E-02
ETP-fw[1]	[CTUe]	4.70E+01	0,00E+00	1,02E+00	1,71E+00	0,00E+00	-7,64E+00
HTP-c[1]	[CTUh]	1.29E-09	0,00E+00	3,30E-11	2,16E-10	0,00E+00	-1,55E-10
HTP-nc[1]	[CTUh]	3.90E-08	0,00E+00	1,07E-09	9,47E-09	0,00E+00	-4,46E-09
Caption	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						
Disclaimer	[1] The results of this environmental 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.						

Mosaic Parquet 8 mm thickness (Untreated) RESOURCE USE PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	[MJ]	2.57E+01	0,00E+00	2,16E+00	3,62E-01	0,00E+00	-2,59E+00
PERM	[MJ]	9.78E+01	0,00E+00	0,00E+00	-9,78E+01	0,00E+00	0,00E+00
PERT	[MJ]	1.23E+02	0,00E+00	2,16E+00	-9,74E+01	0,00E+00	-2,59E+00
PENRE	[MJ]	2.71E+01	0,00E+00	1,31E+00	9,85E-01	0,00E+00	-1,25E+01
PENRM	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2.71E+01	0,00E+00	1,31E+00	9,85E-01	0,00E+00	-1,25E+01
SM	[kg]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	0.00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m^3]	3.25E-02	0,00E+00	1,46E-04	2,22E-03	0,00E+00	-1,36E-02
Caption	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 material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water						

Mosaic Parquet 8 mm thickness (Untreated) WASTE CATEGORIES AND OUTPUT FLOWS PER 1m²							
Parameter	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	[kg]	5.27E-05	0,00E+00	3,41E-06	1,05E-05	0,00E+00	-1,11E-05
NHWD	[kg]	1.27E+00	0,00E+00	6,72E-02	3,82E-02	0,00E+00	-3,40E-02
RWD	[kg]	1.26E-04	0,00E+00	8,84E-06	3,04E-06	0,00E+00	-2,20E-05
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	4,39E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	1,65E+01	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EE = Exported energy						

Mosaic Parquet 8 mm thickness (Untreated) BIOGENIC CARBON CONTENT PER 1m²		
Parameter	**Unit**	**At the factory gate**
Biogenic carbon content in product	[kg C]	2.41
Biogenic carbon content in accompanying packagaing	[kg C]	0.05
Note	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2	

Additional information

Interpretation

Results indicate, that the majority of environmental impacts are associated with raw material extraction and production of components (A1) particularly due to sawmill activities. In this respect, the electricity supply is considered one of the largest contributors within the dataset, which is why it was modified to reflect local conditions. For this reason, emissions for 1 m^3 of wooden boards will vary significantly depending on the geographical location of production.

Technical Information on Scenarios

End of life (C1-C4)

Scenario information	Value	Unit
For reuse	0	%
For recycling	0	%
For incineration	100	%
For final disposal	0	%
Assumptions for scenario development	N/A	As appropriate

Indoor air

The EPD does not give information on release of dangerous substances to indoor air because the horizontal standards on measurement of release of regulated dangerous substances from construction products using harmonized test methods according to the provisions of the respective technical committees for European product standards are not available.

Certificates for indoor Air Comfort can be found at Hørning Parket's webpage
https://www.horningfloor.dk/miljoe/

Soil and water

The EPD does not give information on release of dangerous substances to soil and water because the horizontal standards on measurement of release of regulated dangerous substances from construction products using harmonized test methods according to the provisions of the respective technical committees for European product standards are not available.

References

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