

This appendix refers to the EPD MD-23206-EN, developed according to EN15804+A2:2019. Results in the appendix communicates LCA results in the format described in EN15804+A1:2013, in order to accommodate a need in the transition period between the two standard revisions. The appendix cannot stand alone, as the reference EPD describes the basis of the assessment. The LCA results are presented per wood type and surface treatment applied during installation, i.e. oiled or lacquered in module A5. Additionally, two scenarios for installation of the declared products have been included. One assumes installation using screws, which is noted (1), and one assumes installation by fully gluing the declared products to the underlying surface, which is noted (2). Module A1-A3, A4, B2, and B3 does not vary between these scenarios.

**Results for: Ash solid wood flooring 22 mm (oiled) and Ash solid wood flooring 30 mm (oiled).**

ENVIRONMENTAL EFFECTS PER PRODUCT PER FU (1kg)													
Ash solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
GWP	[kg CO2-eq.]	-1.48E+00	1.25E-02	6.31E-02	4.95E-01	1.22E-01	4.10E-01	3.56E-03	3.68E-03	1.50E+00	1.45E+00	-1.62E+00	-1.65E+00
ODP	[kg CFC11-eq.]	1.00E-08	1.95E-15	7.29E-10	2.29E-07	1.14E-08	1.37E-09	5.54E-16	5.72E-16	1.77E-14	1.55E-14	-1.23E-12	-1.39E-12
AP	[kg SO2-eq.]	1.08E-03	1.34E-05	1.64E-04	2.07E-03	9.95E-04	3.47E-04	3.80E-06	3.92E-06	2.90E-05	4.80E-05	-1.95E-04	-1.95E-04
EP	[kg PO43--eq.]	3.37E-04	2.93E-06	5.28E-05	9.16E-04	1.25E-03	2.04E-04	8.31E-07	8.58E-07	6.49E-06	1.22E-05	-3.77E-05	-4.04E-05
POCP	[kg ethene-eq.]	3.09E-04	-1.32E-06	2.54E-05	2.52E-04	8.96E-05	2.92E-05	-3.75E-07	-3.87E-07	2.27E-06	3.30E-06	-1.84E-05	-1.96E-05
ADPE	[kg Sb-eq.]	7.63E-07	8.40E-10	3.33E-07	5.33E-06	8.32E-07	1.33E-07	2.39E-10	2.46E-10	2.43E-09	2.39E-09	-1.50E-07	-7.79E-08
ADPF	[MJ]	3.46E+00	1.71E-01	8.03E-01	8.26E+00	1.57E+00	1.01E+00	4.85E-02	5.01E-02	6.42E-02	6.39E-02	-3.61E+00	-4.01E+00
Caption	GWP /= Global warming potential; ODP /= Ozone depletion potential; AP /= Acidification potential of soil and water; EP /= Eutrophication potential; POCP /= Photochemical ozone creation potential; ADPE /= Abiotic depletion potential for non fossil resources; ADPF /= Abiotic depletion potential for fossil resources												

RESSOURCE CONSUMPTION PER PRODUCT PER FU (1kg)													
Ash solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
PERE	[MJ]	4.55E+01	1.26E-02	2.80E+00	3.43E+00	3.43E-01	2.87E+00	3.58E-03	3.70E-03	1.38E+01	1.38E+01	-2.93E+01	-2.95E+01
PERM	[MJ]	1.70E+01	0.00E+00	8.60E-01	8.60E-01	4.66E-01	5.59E-02	0.00E+00	0.00E+00	-1.38E+01	-1.38E+01	1.38E+01	1.38E+01
PERT	[MJ]	6.25E+01	1.26E-02	3.66E+00	4.29E+00	8.09E-01	2.92E+00	3.58E-03	3.70E-03	1.41E-02	1.09E-02	-1.55E+01	-1.57E+01
PENRE	[MJ]	3.30E+00	1.74E-01	6.66E-01	7.81E+00	1.70E+00	1.35E+00	4.94E-02	5.11E-02	6.81E-02	6.74E-02	-3.80E+00	-4.22E+00
PENRM	[MJ]	3.93E-01	0.00E+00	1.82E+00	1.43E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	3.70E+00	1.74E-01	2.49E+00	9.24E+00	1.74E+00	1.35E+00	4.94E-02	5.11E-02	6.81E-02	6.74E-02	-3.80E+00	-4.22E+00
SM	[kg]	2.33E-03	0.00E+00	4.56E-02	1.17E-04	0.00E+00	0.00E+00	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	1.57E-03	1.38E-05	6.71E-04	1.68E-02	5.36E-03	2.26E-03	3.93E-06	4.05E-06	2.82E-04	1.46E-04	-5.34E-04	-5.57E-04
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												

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT PER FU (1kg)													
Ash solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
HWD	[kg]	2.65E-09	5.39E-13	-2.04E-11	-3.52E-11	5.77E-12	-9.96E-10	1.53E-13	1.58E-13	-1.70E-12	6.92E-13	3.00E-10	3.40E-10
NHWD	[kg]	7.81E-03	2.65E-05	3.49E-03	2.46E-03	1.20E-04	6.57E-03	7.54E-06	7.78E-06	2.42E-03	2.24E-03	-3.08E-03	-3.23E-03
RWD	[kg]	2.79E-05	3.26E-07	2.89E-05	2.04E-05	2.51E-06	1.13E-04	9.25E-08	9.55E-08	1.17E-06	1.06E-06	-6.51E-05	-7.24E-05
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	2.09E-03	0.00E+00	1.56E-03	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-01	8.09E-01	0.00E+00	0.00E+00
MER	[kg]	1.39E+00	0.00E+00	6.95E-02	6.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	7.32E-03	0.00E+00	1.73E-01	1.73E-01	0.00E+00	4.94E-01	0.00E+00	0.00E+00	2.37E-01	1.14E-01	0.00E+00	0.00E+00
EET	[MJ]	3.18E-02	0.00E+00	7.56E-01	7.56E-01	0.00E+00	2.12E+00	0.00E+00	0.00E+00	1.01E+00	4.67E-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; EEE /= Exported electrical energy; EET /= Exported thermal energy												

**Results for: Ash solid wood flooring 22 mm (lacquered) and Ash solid wood flooring 30 mm (lacquered).**

ENVIRONMENTAL EFFECTS PER PRODUCT PER FU (1kg)													
Ash solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
GWP	[kg CO2-eq.]	-1.48E+00	1.25E-02	9.45E-02	5.27E-01	8.20E-03	5.98E-01	3.56E-03	3.68E-03	1.50E+00	1.45E+00	-1.62E+00	-1.65E+00
ODP	[kg CFC11-eq.]	1.00E-08	1.95E-15	5.02E-10	2.29E-07	4.00E-08	3.01E-12	5.54E-16	5.72E-16	1.77E-14	1.55E-14	-1.23E-12	-1.39E-12
AP	[kg SO2-eq.]	1.08E-03	1.34E-05	1.91E-04	2.10E-03	4.99E-05	5.09E-04	3.80E-06	3.92E-06	2.90E-05	4.80E-05	-1.95E-04	-1.95E-04
EP	[kg PO43--eq.]	3.37E-04	2.93E-06	3.40E-05	8.97E-04	1.72E-05	9.12E-05	8.31E-07	8.58E-07	6.49E-06	1.22E-05	-3.77E-05	-4.04E-05
POCP	[kg ethene-eq.]	3.09E-04	-1.32E-06	3.15E-05	2.59E-04	6.19E-06	6.58E-05	-3.75E-07	-3.87E-07	2.27E-06	3.30E-06	-1.84E-05	-1.96E-05
ADPE	[kg Sb-eq.]	7.63E-07	8.40E-10	3.17E-07	5.31E-06	7.02E-08	4.15E-08	2.39E-10	2.46E-10	2.43E-09	2.39E-09	-1.50E-07	-7.79E-08
ADPF	[MJ]	3.46E+00	1.71E-01	1.48E+00	8.94E+00	1.92E-01	5.07E+00	4.85E-02	5.01E-02	6.42E-02	6.39E-02	-3.61E+00	-4.01E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources												

RESSOURCE CONSUMPTION PER PRODUCT PER FU (1kg)													
Ash solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
PERE	[MJ]	4.55E+01	1.26E-02	2.88E+00	3.51E+00	4.75E-03	3.33E+00	3.58E-03	3.70E-03	1.38E+01	1.38E+01	-2.93E+01	-2.95E+01
PERM	[MJ]	1.70E+01	0.00E+00	8.51E-01	8.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.38E+01	-1.38E+01	1.38E+01	1.38E+01
PERT	[MJ]	6.25E+01	1.26E-02	3.73E+00	4.36E+00	4.75E-03	3.33E+00	3.58E-03	3.70E-03	1.41E-02	1.09E-02	-1.55E+01	-1.57E+01
PENRE	[MJ]	3.30E+00	1.74E-01	1.30E+00	8.45E+00	1.01E-01	5.16E+00	4.94E-02	5.11E-02	6.81E-02	6.74E-02	-3.80E+00	-4.22E+00
PENRM	[MJ]	3.93E-01	0.00E+00	1.91E+00	1.51E+00	1.03E-01	5.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	3.70E+00	1.74E-01	3.21E+00	9.96E+00	2.03E-01	5.66E+00	4.94E-02	5.11E-02	6.81E-02	6.74E-02	-3.80E+00	-4.22E+00
SM	[kg]	2.33E-03	0.00E+00	4.56E-02	1.17E-04	0.00E+00	0.00E+00	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	1.57E-03	1.38E-05	7.87E-04	1.69E-02	2.67E-04	2.96E-03	3.93E-06	4.05E-06	2.82E-04	1.46E-04	-5.34E-04	-5.57E-04
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												

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT PER FU (1kg)													
Ash solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
HWD	[kg]	2.65E-09	5.39E-13	3.73E-11	2.26E-11	-2.57E-14	-6.49E-10	1.53E-13	1.58E-13	-1.70E-12	6.92E-13	3.00E-10	3.40E-10
NHWD	[kg]	7.81E-03	2.65E-05	4.88E-03	3.86E-03	4.13E-05	1.50E-02	7.54E-06	7.78E-06	2.42E-03	2.24E-03	-3.08E-03	-3.23E-03
RWD	[kg]	2.79E-05	3.26E-07	4.11E-05	3.26E-05	3.45E-08	1.86E-04	9.25E-08	9.55E-08	1.17E-06	1.06E-06	-6.51E-05	-7.24E-05
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	2.09E-03	0.00E+00	1.56E-03	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-01	8.09E-01	0.00E+00	0.00E+00
MER	[kg]	1.39E+00	0.00E+00	6.95E-02	6.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	7.32E-03	0.00E+00	1.73E-01	1.73E-01	0.00E+00	4.94E-01	0.00E+00	0.00E+00	2.37E-01	1.14E-01	0.00E+00	0.00E+00
EET	[MJ]	3.18E-02	0.00E+00	7.56E-01	7.56E-01	0.00E+00	2.12E+00	0.00E+00	0.00E+00	1.01E+00	4.67E-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; EEE = Exported electrical energy; EET = Exported thermal energy												

**Results for: Oak solid wood flooring 22 mm (oiled) and Oak solid wood flooring 30 mm (oiled)**

ENVIRONMENTAL EFFECTS PER PRODUCT PER FU (1kg)													
Oak solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
GWP	[kg CO2-eq.]	-1.32E+00	1.25E-02	7.11E-02	5.03E-01	1.22E-01	4.10E-01	3.56E-03	3.68E-03	1.42E+00	1.37E+00	-1.54E+00	-1.56E+00
ODP	[kg CFC11-eq.]	1.23E-08	1.95E-15	8.44E-10	2.29E-07	1.14E-08	1.37E-09	5.54E-16	5.72E-16	1.77E-14	1.55E-14	-1.23E-12	-1.39E-12
AP	[kg SO2-eq.]	1.24E-03	1.34E-05	1.72E-04	2.08E-03	9.95E-04	3.47E-04	3.80E-06	3.92E-06	2.90E-05	4.80E-05	-1.95E-04	-1.95E-04
EP	[kg PO43--eq.]	3.92E-04	2.93E-06	5.56E-05	9.19E-04	1.25E-03	2.04E-04	8.31E-07	8.58E-07	6.49E-06	1.22E-05	-3.77E-05	-4.04E-05
POCP	[kg ethene-eq.]	3.19E-04	-1.32E-06	2.59E-05	2.53E-04	8.96E-05	2.92E-05	-3.75E-07	-3.87E-07	2.27E-06	3.30E-06	-1.84E-05	-1.96E-05
ADPE	[kg Sb-eq.]	8.37E-07	8.40E-10	3.36E-07	5.33E-06	8.32E-07	1.33E-07	2.39E-10	2.46E-10	2.43E-09	2.39E-09	-1.50E-07	-7.79E-08
ADPF	[MJ]	4.24E+00	1.71E-01	8.42E-01	8.30E+00	1.57E+00	1.01E+00	4.85E-02	5.01E-02	6.42E-02	6.39E-02	-3.61E+00	-4.01E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources												

RESSOURCE CONSUMPTION PER PRODUCT PER FU (1kg)													
Oak solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
PERE	[MJ]	4.62E+01	1.26E-02	2.84E+00	3.47E+00	3.43E-01	2.87E+00	3.58E-03	3.70E-03	1.38E+01	1.38E+01	-2.93E+01	-2.95E+01
PERM	[MJ]	1.70E+01	0.00E+00	8.60E-01	8.60E-01	4.66E-01	5.59E-02	0.00E+00	0.00E+00	-1.38E+01	-1.38E+01	1.38E+01	1.38E+01
PERT	[MJ]	6.32E+01	1.26E-02	3.70E+00	4.33E+00	8.09E-01	2.92E+00	3.58E-03	3.70E-03	1.41E-02	1.09E-02	-1.55E+01	-1.57E+01
PENRE	[MJ]	4.15E+00	1.74E-01	7.09E-01	7.85E+00	1.70E+00	1.35E+00	4.94E-02	5.11E-02	6.81E-02	6.74E-02	-3.80E+00	-4.22E+00
PENRM	[MJ]	3.93E-01	0.00E+00	1.82E+00	1.43E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	4.54E+00	1.74E-01	2.53E+00	9.29E+00	1.74E+00	1.35E+00	4.94E-02	5.11E-02	6.81E-02	6.74E-02	-3.80E+00	-4.22E+00
SM	[kg]	2.33E-03	0.00E+00	4.56E-02	1.17E-04	0.00E+00	0.00E+00	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	1.81E-03	1.38E-05	6.84E-04	1.68E-02	5.36E-03	2.26E-03	3.93E-06	4.05E-06	2.82E-04	1.46E-04	-5.34E-04	-5.57E-04
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												

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT PER FU (1kg)													
Oak solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
HWD	[kg]	2.65E-09	5.39E-13	-2.04E-11	-3.51E-11	5.77E-12	-9.96E-10	1.53E-13	1.58E-13	-1.70E-12	6.92E-13	3.00E-10	3.40E-10
NHWD	[kg]	7.89E-03	2.65E-05	3.49E-03	2.46E-03	1.20E-04	6.57E-03	7.54E-06	7.78E-06	2.42E-03	2.24E-03	-3.08E-03	-3.23E-03
RWD	[kg]	2.89E-05	3.26E-07	2.89E-05	2.05E-05	2.51E-06	1.13E-04	9.25E-08	9.55E-08	1.17E-06	1.06E-06	-6.51E-05	-7.24E-05
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	2.09E-03	0.00E+00	1.56E-03	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-01	8.09E-01	0.00E+00	0.00E+00
MER	[kg]	1.46E+00	0.00E+00	7.32E-02	7.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	7.32E-03	0.00E+00	1.73E-01	1.73E-01	0.00E+00	4.94E-01	0.00E+00	0.00E+00	2.37E-01	1.14E-01	0.00E+00	0.00E+00
EET	[MJ]	3.18E-02	0.00E+00	7.56E-01	7.56E-01	0.00E+00	2.12E+00	0.00E+00	0.00E+00	1.01E+00	4.67E-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; EEE = Exported electrical energy; EET = Exported thermal energy												

Results for: Oak solid wood flooring 22 mm (lacquered) and Oak solid wood flooring 30 mm (lacquered)

ENVIRONMENTAL EFFECTS PER PRODUCT PER FU (1kg)													
Oak solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
GWP	[kg CO2-eq.]	-1.32E+00	1.25E-02	1.02E-01	5.35E-01	8.20E-03	5.98E-01	3.56E-03	3.68E-03	1.42E+00	1.37E+00	-1.54E+00	-1.56E+00
ODP	[kg CFC11-eq.]	1.23E-08	1.95E-15	6.17E-10	2.29E-07	4.00E-08	3.01E-12	5.54E-16	5.72E-16	1.77E-14	1.55E-14	-1.23E-12	-1.39E-12
AP	[kg SO2-eq.]	1.24E-03	1.34E-05	1.99E-04	2.11E-03	4.99E-05	5.09E-04	3.80E-06	3.92E-06	2.90E-05	4.80E-05	-1.95E-04	-1.95E-04
EP	[kg PO43--eq.]	3.92E-04	2.93E-06	3.68E-05	9.00E-04	1.72E-05	9.12E-05	8.31E-07	8.58E-07	6.49E-06	1.22E-05	-3.77E-05	-4.04E-05
POCP	[kg ethene-eq.]	3.19E-04	-1.32E-06	3.20E-05	2.59E-04	6.19E-06	6.58E-05	-3.75E-07	-3.87E-07	2.27E-06	3.30E-06	-1.84E-05	-1.96E-05
ADPE	[kg Sb-eq.]	8.37E-07	8.40E-10	3.21E-07	5.32E-06	7.02E-08	4.15E-08	2.39E-10	2.46E-10	2.43E-09	2.39E-09	-1.50E-07	-7.79E-08
ADPF	[MJ]	4.24E+00	1.71E-01	1.52E+00	8.98E+00	1.92E-01	5.07E+00	4.85E-02	5.01E-02	6.42E-02	6.39E-02	-3.61E+00	-4.01E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources												

RESSOURCE CONSUMPTION PER PRODUCT PER FU (1kg)													
Oak solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
PERE	[MJ]	4.62E+01	1.26E-02	2.91E+00	3.54E+00	4.75E-03	3.33E+00	3.58E-03	3.70E-03	1.38E+01	1.38E+01	-2.93E+01	-2.95E+01
PERM	[MJ]	1.70E+01	0.00E+00	8.51E-01	8.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.38E+01	-1.38E+01	1.38E+01	1.38E+01
PERT	[MJ]	6.32E+01	1.26E-02	3.76E+00	4.39E+00	4.75E-03	3.33E+00	3.58E-03	3.70E-03	1.41E-02	1.09E-02	-1.55E+01	-1.57E+01
PENRE	[MJ]	4.15E+00	1.74E-01	1.34E+00	8.49E+00	1.01E-01	5.16E+00	4.94E-02	5.11E-02	6.81E-02	6.74E-02	-3.80E+00	-4.22E+00
PENRM	[MJ]	3.93E-01	0.00E+00	1.91E+00	1.51E+00	1.03E-01	5.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	4.54E+00	1.74E-01	3.25E+00	1.00E+01	2.03E-01	5.66E+00	4.94E-02	5.11E-02	6.81E-02	6.74E-02	-3.80E+00	-4.22E+00
SM	[kg]	2.33E-03	0.00E+00	4.56E-02	1.17E-04	0.00E+00	0.00E+00	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	1.81E-03	1.38E-05	7.99E-04	1.70E-02	2.67E-04	2.96E-03	3.93E-06	4.05E-06	2.82E-04	1.46E-04	-5.34E-04	-5.57E-04
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												

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT PER FU (1kg)													
Oak solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
HWD	[kg]	2.65E-09	5.39E-13	3.74E-11	2.27E-11	-2.57E-14	-6.49E-10	1.53E-13	1.58E-13	-1.70E-12	6.92E-13	3.00E-10	3.40E-10
NHWD	[kg]	7.89E-03	2.65E-05	4.89E-03	3.86E-03	4.13E-05	1.50E-02	7.54E-06	7.78E-06	2.42E-03	2.24E-03	-3.08E-03	-3.23E-03
RWD	[kg]	2.89E-05	3.26E-07	4.11E-05	3.27E-05	3.45E-08	1.86E-04	9.25E-08	9.55E-08	1.17E-06	1.06E-06	-6.51E-05	-7.24E-05
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	2.09E-03	0.00E+00	1.56E-03	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-01	8.09E-01	0.00E+00	0.00E+00
MER	[kg]	1.46E+00	0.00E+00	7.32E-02	7.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	7.32E-03	0.00E+00	1.73E-01	1.73E-01	0.00E+00	4.94E-01	0.00E+00	0.00E+00	2.37E-01	1.14E-01	0.00E+00	0.00E+00
EET	[MJ]	3.18E-02	0.00E+00	7.56E-01	7.56E-01	0.00E+00	2.12E+00	0.00E+00	0.00E+00	1.01E+00	4.67E-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; EEE = Exported electrical energy; EET = Exported thermal energy												



Results for: Douglas solid wood flooring 22 mm (oiled), Douglas solid wood flooring 30 mm (oiled), and Douglas solid wood flooring 35 mm (oiled)

ENVIRONMENTAL EFFECTS PER PRODUCT PER FU (1kg)													
Douglas solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
GWP	[kg CO2-eq.]	-1.62E+00	1.26E-02	7.74E-02	6.72E-01	1.68E-01	4.45E-01	3.64E-03	3.80E-03	1.63E+00	1.56E+00	-1.72E+00	-1.76E+00
ODP	[kg CFC11-eq.]	8.79E-09	1.96E-15	7.53E-10	3.14E-07	1.56E-08	1.88E-09	5.66E-16	5.91E-16	2.28E-14	1.97E-14	-1.29E-12	-1.49E-12
AP	[kg SO2-eq.]	1.17E-03	1.34E-05	2.06E-04	2.83E-03	1.37E-03	4.34E-04	3.88E-06	4.05E-06	3.69E-05	6.31E-05	-2.10E-04	-2.11E-04
EP	[kg PO43--eq.]	3.78E-04	2.94E-06	6.75E-05	1.25E-03	1.72E-03	2.70E-04	8.50E-07	8.87E-07	8.24E-06	1.61E-05	-3.93E-05	-4.30E-05
POCP	[kg ethene-eq.]	4.77E-04	-1.32E-06	3.73E-05	3.49E-04	1.23E-04	3.75E-05	-3.83E-07	-4.00E-07	2.79E-06	4.20E-06	-1.96E-05	-2.12E-05
ADPE	[kg Sb-eq.]	8.97E-07	8.43E-10	4.50E-07	7.32E-06	1.14E-06	1.83E-07	2.44E-10	2.55E-10	2.48E-09	2.43E-09	-2.00E-07	-1.01E-07
ADPF	[MJ]	3.29E+00	1.71E-01	1.02E+00	1.13E+01	2.16E+00	1.36E+00	4.95E-02	5.17E-02	7.32E-02	7.28E-02	-3.78E+00	-4.32E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources												

RESSOURCE CONSUMPTION PER PRODUCT PER FU (1kg)													
Douglas solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
PERE	[MJ]	4.08E+01	1.27E-02	2.76E+00	3.63E+00	4.71E-01	3.93E+00	3.66E-03	3.82E-03	1.38E+01	1.38E+01	-2.93E+01	-2.96E+01
PERM	[MJ]	1.70E+01	0.00E+00	8.64E-01	8.64E-01	6.41E-01	7.69E-02	0.00E+00	0.00E+00	-1.37E+01	-1.37E+01	1.37E+01	1.37E+01
PERT	[MJ]	5.78E+01	1.27E-02	3.63E+00	4.49E+00	1.11E+00	4.00E+00	3.66E-03	3.82E-03	1.79E-02	1.35E-02	-1.56E+01	-1.58E+01
PENRE	[MJ]	2.92E+00	1.75E-01	8.24E-01	1.06E+01	2.34E+00	1.82E+00	5.05E-02	5.28E-02	7.79E-02	7.69E-02	-3.97E+00	-4.54E+00
PENRM	[MJ]	5.40E-01	0.00E+00	2.50E+00	1.97E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	3.46E+00	1.75E-01	3.33E+00	1.26E+01	2.39E+00	1.83E+00	5.05E-02	5.28E-02	7.79E-02	7.69E-02	-3.97E+00	-4.54E+00
SM	[kg]	3.21E-03	0.00E+00	6.27E-02	1.60E-04	0.00E+00	0.00E+00	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	1.81E-03	1.39E-05	8.27E-04	2.31E-02	7.38E-03	2.81E-03	4.01E-06	4.19E-06	3.84E-04	1.97E-04	-5.71E-04	-6.03E-04
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												

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT PER FU (1kg)													
Douglas solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
HWD	[kg]	3.64E-09	5.41E-13	-2.75E-11	-4.77E-11	7.93E-12	-1.37E-09	1.56E-13	1.63E-13	-2.30E-12	9.93E-13	3.11E-10	3.66E-10
NHWD	[kg]	1.06E-02	2.66E-05	4.34E-03	2.93E-03	1.65E-04	8.16E-03	7.70E-06	8.04E-06	3.32E-03	3.07E-03	-3.32E-03	-3.52E-03
RWD	[kg]	3.66E-05	3.27E-07	3.95E-05	2.78E-05	3.46E-06	1.54E-04	9.46E-08	9.87E-08	1.40E-06	1.25E-06	-6.75E-05	-7.75E-05
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	2.88E-03	0.00E+00	2.15E-03	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-01	8.09E-01	0.00E+00	0.00E+00
MER	[kg]	9.22E-01	0.00E+00	4.61E-02	4.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	1.01E-02	0.00E+00	1.93E-01	1.93E-01	0.00E+00	4.94E-01	0.00E+00	0.00E+00	3.26E-01	1.56E-01	0.00E+00	0.00E+00
EET	[MJ]	4.37E-02	0.00E+00	8.38E-01	8.38E-01	0.00E+00	2.12E+00	0.00E+00	0.00E+00	1.39E+00	6.42E-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; EEE = Exported electrical energy; EET = Exported thermal energy												

**Results for: Douglas solid wood flooring 22 mm (lacquered), Douglas solid wood flooring 30 mm (lacquered), and Douglas solid wood flooring 35 mm (lacquered)**

<b>ENVIRONMENTAL EFFECTS PER PRODUCT PER FU (1kg)</b>													
<b>Douglas solid wood flooring (lacquered)</b>													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
GWP	[kg CO2-eq.]	-1.62E+00	1.26E-02	1.20E-01	7.15E-01	1.13E-02	7.03E-01	3.64E-03	3.80E-03	1.63E+00	1.56E+00	-1.72E+00	-1.76E+00
ODP	[kg CFC11-eq.]	8.79E-09	1.96E-15	4.41E-10	3.14E-07	5.50E-08	4.13E-12	5.66E-16	5.91E-16	2.28E-14	1.97E-14	-1.29E-12	-1.49E-12
AP	[kg SO2-eq.]	1.17E-03	1.34E-05	2.43E-04	2.87E-03	6.86E-05	6.57E-04	3.88E-06	4.05E-06	3.69E-05	6.31E-05	-2.10E-04	-2.11E-04
EP	[kg PO43--eq.]	3.78E-04	2.94E-06	4.16E-05	1.23E-03	2.36E-05	1.14E-04	8.50E-07	8.87E-07	8.24E-06	1.61E-05	-3.93E-05	-4.30E-05
POCP	[kg ethene-eq.]	4.77E-04	-1.32E-06	4.57E-05	3.58E-04	8.50E-06	8.79E-05	-3.83E-07	-4.00E-07	2.79E-06	4.20E-06	-1.96E-05	-2.12E-05
ADPE	[kg Sb-eq.]	8.97E-07	8.43E-10	4.29E-07	7.30E-06	9.66E-08	5.69E-08	2.44E-10	2.55E-10	2.48E-09	2.43E-09	-2.00E-07	-1.01E-07
ADPF	[MJ]	3.29E+00	1.71E-01	1.95E+00	1.22E+01	2.64E-01	6.94E+00	4.95E-02	5.17E-02	7.32E-02	7.28E-02	-3.78E+00	-4.32E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources												

<b>RESOURCE CONSUMPTION PER PRODUCT PER FU (1kg)</b>													
<b>Douglas solid wood flooring (lacquered)</b>													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
PERE	[MJ]	4.08E+01	1.27E-02	2.87E+00	3.73E+00	6.54E-03	4.56E+00	3.66E-03	3.82E-03	1.38E+01	1.38E+01	-2.93E+01	-2.96E+01
PERM	[MJ]	1.70E+01	0.00E+00	8.51E-01	8.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.37E+01	-1.37E+01	1.37E+01	1.37E+01
PERT	[MJ]	5.78E+01	1.27E-02	3.72E+00	4.58E+00	6.54E-03	4.56E+00	3.66E-03	3.82E-03	1.79E-02	1.35E-02	-1.56E+01	-1.58E+01
PENRE	[MJ]	2.92E+00	1.75E-01	1.70E+00	1.15E+01	1.39E-01	7.05E+00	5.05E-02	5.28E-02	7.79E-02	7.69E-02	-3.97E+00	-4.54E+00
PENRM	[MJ]	5.40E-01	0.00E+00	2.62E+00	2.08E+00	1.41E-01	6.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	3.46E+00	1.75E-01	4.32E+00	1.36E+01	2.80E-01	7.75E+00	5.05E-02	5.28E-02	7.79E-02	7.69E-02	-3.97E+00	-4.54E+00
SM	[kg]	3.21E-03	0.00E+00	6.27E-02	1.60E-04	0.00E+00	0.00E+00	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	1.81E-03	1.39E-05	9.87E-04	2.32E-02	3.68E-04	3.76E-03	4.01E-06	4.19E-06	3.84E-04	1.97E-04	-5.71E-04	-6.03E-04
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												

**WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT PER FU (1kg)**  
**Douglas solid wood flooring (lacquered)**

Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
HWD	[kg]	3.64E-09	5.41E-13	5.19E-11	3.17E-11	-3.53E-14	-8.91E-10	1.56E-13	1.63E-13	-2.30E-12	9.93E-13	3.11E-10	3.66E-10
NHWD	[kg]	1.06E-02	2.66E-05	6.26E-03	4.85E-03	5.68E-05	1.97E-02	7.70E-06	8.04E-06	3.32E-03	3.07E-03	-3.32E-03	-3.52E-03
RWD	[kg]	3.66E-05	3.27E-07	5.62E-05	4.46E-05	4.74E-08	2.55E-04	9.46E-08	9.87E-08	1.40E-06	1.25E-06	-6.75E-05	-7.75E-05
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	2.88E-03	0.00E+00	2.15E-03	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-01	8.09E-01	0.00E+00	0.00E+00
MER	[kg]	9.22E-01	0.00E+00	4.61E-02	4.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	1.01E-02	0.00E+00	1.93E-01	1.93E-01	0.00E+00	4.94E-01	0.00E+00	0.00E+00	3.26E-01	1.56E-01	0.00E+00	0.00E+00
EET	[MJ]	4.37E-02	0.00E+00	8.38E-01	8.38E-01	0.00E+00	2.12E+00	0.00E+00	0.00E+00	1.39E+00	6.42E-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; EEE = Exported electrical energy; EET = Exported thermal energy												

Results for: Nordic pine solid wood flooring 30 mm (oiled) and Nordic pine solid wood flooring 35 mm (oiled)

ENVIRONMENTAL EFFECTS PER PRODUCT PER FU (1kg)													
Nordic pine solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
GWP	[kg CO2-eq.]	-1.36E+00	1.25E-02	7.02E-02	5.08E-01	1.24E-01	3.27E-01	3.78E-03	3.89E-03	1.46E+00	1.41E+00	-1.54E+00	-1.57E+00
ODP	[kg CFC11-eq.]	1.70E-08	1.95E-15	1.08E-09	2.32E-07	1.15E-08	1.39E-09	5.87E-16	6.05E-16	1.82E-14	1.59E-14	-1.01E-12	-1.16E-12
AP	[kg SO2-eq.]	1.47E-03	1.34E-05	1.85E-04	2.12E-03	1.01E-03	3.20E-04	4.03E-06	4.15E-06	2.98E-05	4.91E-05	-1.73E-04	-1.74E-04
EP	[kg PO43--eq.]	4.94E-04	2.93E-06	6.11E-05	9.37E-04	1.27E-03	1.99E-04	8.81E-07	9.09E-07	6.67E-06	1.24E-05	-3.31E-05	-3.59E-05
POCP	[kg ethene-eq.]	3.09E-04	-1.32E-06	2.55E-05	2.56E-04	9.08E-05	2.76E-05	-3.98E-07	-4.10E-07	2.35E-06	3.39E-06	-1.55E-05	-1.66E-05
ADPE	[kg Sb-eq.]	9.63E-07	8.40E-10	3.47E-07	5.41E-06	8.44E-07	1.35E-07	2.53E-10	2.61E-10	2.57E-09	2.54E-09	-1.49E-07	-7.56E-08
ADPF	[MJ]	3.72E+00	1.71E-01	8.25E-01	8.39E+00	1.59E+00	1.00E+00	5.14E-02	5.30E-02	6.70E-02	6.67E-02	-2.97E+00	-3.37E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources												

RESOURCE CONSUMPTION PER PRODUCT PER FU (1kg)													
Nordic pine solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
PERE	[MJ]	3.77E+01	1.26E-02	2.42E+00	3.06E+00	3.48E-01	2.90E+00	3.80E-03	3.92E-03	1.46E+01	1.46E+01	-3.08E+01	-3.09E+01
PERM	[MJ]	1.70E+01	0.00E+00	8.60E-01	8.60E-01	4.73E-01	5.67E-02	0.00E+00	0.00E+00	-1.46E+01	-1.46E+01	1.46E+01	1.46E+01
PERT	[MJ]	5.47E+01	1.26E-02	3.28E+00	3.92E+00	8.20E-01	2.95E+00	3.80E-03	3.92E-03	1.45E-02	1.12E-02	-1.61E+01	-1.63E+01
PENRE	[MJ]	3.84E+00	1.74E-01	7.00E-01	7.95E+00	1.72E+00	1.34E+00	5.24E-02	5.40E-02	7.12E-02	7.04E-02	-3.12E+00	-3.55E+00
PENRM	[MJ]	3.98E-01	0.00E+00	1.85E+00	1.45E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	4.24E+00	1.74E-01	2.55E+00	9.40E+00	1.76E+00	1.35E+00	5.24E-02	5.40E-02	7.12E-02	7.04E-02	-3.12E+00	-3.55E+00
SM	[kg]	2.37E-03	0.00E+00	4.63E-02	1.18E-04	0.00E+00	0.00E+00	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	2.05E-03	1.38E-05	7.01E-04	1.71E-02	5.44E-03	2.07E-03	4.16E-06	4.29E-06	2.87E-04	1.49E-04	-4.60E-04	-4.84E-04
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												

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT PER FU (1kg)													
Nordic pine solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
HWD	[kg]	2.69E-09	5.39E-13	-2.08E-11	-3.57E-11	5.85E-12	-1.01E-09	1.62E-13	1.67E-13	-1.73E-12	6.97E-13	2.47E-10	2.87E-10
NHWD	[kg]	7.82E-03	2.65E-05	3.51E-03	2.47E-03	1.22E-04	6.01E-03	7.99E-06	8.24E-06	2.45E-03	2.27E-03	-2.59E-03	-2.74E-03
RWD	[kg]	2.70E-05	3.26E-07	2.92E-05	2.06E-05	2.55E-06	1.14E-04	9.81E-08	1.01E-07	1.22E-06	1.10E-06	-5.48E-05	-6.22E-05
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	2.12E-03	0.00E+00	1.59E-03	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-01	8.60E-01	0.00E+00	0.00E+00
MER	[kg]	3.57E-01	0.00E+00	1.78E-02	1.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	7.43E-03	0.00E+00	1.74E-01	1.74E-01	0.00E+00	3.62E-01	0.00E+00	0.00E+00	2.40E-01	1.15E-01	0.00E+00	0.00E+00
EET	[MJ]	3.23E-02	0.00E+00	7.59E-01	7.59E-01	0.00E+00	1.56E+00	0.00E+00	0.00E+00	1.03E+00	4.74E-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; EEE = Exported electrical energy; EET = Exported thermal energy												

**Results for: Nordic pine solid wood flooring 30 mm (lacquered) and Nordic pine solid wood flooring 35 mm (lacquered)**

ENVIRONMENTAL EFFECTS PER PRODUCT PER FU (1kg)													
Nordic pine solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
GWP	[kg CO2-eq.]	-1.36E+00	1.25E-02	1.02E-01	5.40E-01	8.32E-03	5.17E-01	3.78E-03	3.89E-03	1.46E+00	1.41E+00	-1.54E+00	-1.57E+00
ODP	[kg CFC11-eq.]	1.70E-08	1.95E-15	8.52E-10	2.32E-07	4.06E-08	3.04E-12	5.87E-16	6.05E-16	1.82E-14	1.59E-14	-1.01E-12	-1.16E-12
AP	[kg SO2-eq.]	1.47E-03	1.34E-05	2.13E-04	2.15E-03	5.06E-05	4.84E-04	4.03E-06	4.15E-06	2.98E-05	4.91E-05	-1.73E-04	-1.74E-04
EP	[kg PO43--eq.]	4.94E-04	2.93E-06	4.21E-05	9.18E-04	1.74E-05	8.43E-05	8.81E-07	9.09E-07	6.67E-06	1.24E-05	-3.31E-05	-3.59E-05
POCP	[kg ethene-eq.]	3.09E-04	-1.32E-06	3.17E-05	2.62E-04	6.27E-06	6.48E-05	-3.98E-07	-4.10E-07	2.35E-06	3.39E-06	-1.55E-05	-1.66E-05
ADPE	[kg Sb-eq.]	9.63E-07	8.40E-10	3.31E-07	5.40E-06	7.12E-08	4.20E-08	2.53E-10	2.61E-10	2.57E-09	2.54E-09	-1.49E-07	-7.56E-08
ADPF	[MJ]	3.72E+00	1.71E-01	1.51E+00	9.07E+00	1.95E-01	5.12E+00	5.14E-02	5.30E-02	6.70E-02	6.67E-02	-2.97E+00	-3.37E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources												

RESSOURCE CONSUMPTION PER PRODUCT PER FU (1kg)													
Nordic pine solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
PERE	[MJ]	3.77E+01	1.26E-02	2.50E+00	3.14E+00	4.82E-03	3.36E+00	3.80E-03	3.92E-03	1.46E+01	1.46E+01	-3.08E+01	-3.09E+01
PERM	[MJ]	1.70E+01	0.00E+00	8.51E-01	8.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.46E+01	-1.46E+01	1.46E+01	1.46E+01
PERT	[MJ]	5.47E+01	1.26E-02	3.35E+00	3.99E+00	4.82E-03	3.36E+00	3.80E-03	3.92E-03	1.45E-02	1.12E-02	-1.61E+01	-1.63E+01
PENRE	[MJ]	3.84E+00	1.74E-01	1.34E+00	8.59E+00	1.02E-01	5.20E+00	5.24E-02	5.40E-02	7.12E-02	7.04E-02	-3.12E+00	-3.55E+00
PENRM	[MJ]	3.98E-01	0.00E+00	1.93E+00	1.54E+00	1.04E-01	5.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	4.24E+00	1.74E-01	3.28E+00	1.01E+01	2.06E-01	5.71E+00	5.24E-02	5.40E-02	7.12E-02	7.04E-02	-3.12E+00	-3.55E+00
SM	[kg]	2.37E-03	0.00E+00	4.63E-02	1.18E-04	0.00E+00	0.00E+00	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	2.05E-03	1.38E-05	8.18E-04	1.72E-02	2.71E-04	2.77E-03	4.16E-06	4.29E-06	2.87E-04	1.49E-04	-4.60E-04	-4.84E-04
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												

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT PER FU (1kg) Nordic pine solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
HWD	[kg]	2.69E-09	5.39E-13	3.78E-11	2.28E-11	-2.60E-14	-6.58E-10	1.62E-13	1.67E-13	-1.73E-12	6.97E-13	2.47E-10	2.87E-10
NHWD	[kg]	7.82E-03	2.65E-05	4.93E-03	3.89E-03	4.19E-05	1.45E-02	7.99E-06	8.24E-06	2.45E-03	2.27E-03	-2.59E-03	-2.74E-03
RWD	[kg]	2.70E-05	3.26E-07	4.16E-05	3.30E-05	3.50E-08	1.88E-04	9.81E-08	1.01E-07	1.22E-06	1.10E-06	-5.48E-05	-6.22E-05
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	2.12E-03	0.00E+00	1.59E-03	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-01	8.60E-01	0.00E+00	0.00E+00
MER	[kg]	3.57E-01	0.00E+00	1.78E-02	1.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	7.43E-03	0.00E+00	1.74E-01	1.74E-01	0.00E+00	3.62E-01	0.00E+00	0.00E+00	2.40E-01	1.15E-01	0.00E+00	0.00E+00
EET	[MJ]	3.23E-02	0.00E+00	7.59E-01	7.59E-01	0.00E+00	1.56E+00	0.00E+00	0.00E+00	1.03E+00	4.74E-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; EEE = Exported electrical energy; EET = Exported thermal energy												



Results for: Pitch pine solid wood flooring 20 mm (oiled) and Pitch pine solid wood flooring 26 mm (oiled)

ENVIRONMENTAL EFFECTS PER PRODUCT PER FU (1kg)													
Pitch pine solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
GWP	[kg CO2-eq.]	-1.06E+00	1.26E-02	1.36E-01	9.71E-01	2.36E-01	5.28E-01	3.68E-03	3.90E-03	1.46E+00	1.36E+00	-1.52E+00	-1.57E+00
ODP	[kg CFC11-eq.]	1.20E-08	1.97E-15	1.04E-09	4.42E-07	2.20E-08	2.64E-09	5.72E-16	6.07E-16	3.02E-14	2.59E-14	-1.45E-12	-1.74E-12
AP	[kg SO2-eq.]	4.07E-03	1.35E-05	4.06E-04	4.10E-03	1.92E-03	5.75E-04	3.92E-06	4.17E-06	4.86E-05	8.54E-05	-2.42E-04	-2.43E-04
EP	[kg PO43--eq.]	8.68E-04	2.95E-06	1.11E-04	1.78E-03	2.41E-03	3.70E-04	8.58E-07	9.11E-07	1.08E-05	2.18E-05	-4.33E-05	-4.86E-05
POCP	[kg ethene-eq.]	3.93E-04	-1.33E-06	3.83E-05	4.77E-04	1.73E-04	5.06E-05	-3.87E-07	-4.11E-07	3.53E-06	5.52E-06	-2.25E-05	-2.48E-05
ADPE	[kg Sb-eq.]	1.34E-06	8.47E-10	6.36E-07	1.03E-05	1.61E-06	2.57E-07	2.47E-10	2.62E-10	2.51E-09	2.43E-09	-2.76E-07	-1.37E-07
ADPF	[MJ]	7.31E+00	1.72E-01	1.56E+00	1.60E+01	3.04E+00	1.88E+00	5.01E-02	5.31E-02	8.58E-02	8.51E-02	-4.26E+00	-5.03E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources												

RESSOURCE CONSUMPTION PER PRODUCT PER FU (1kg)													
Pitch pine solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
PERE	[MJ]	4.96E+01	1.27E-02	3.49E+00	4.71E+00	6.62E-01	5.51E+00	3.70E-03	3.93E-03	1.34E+01	1.34E+01	-2.89E+01	-2.92E+01
PERM	[MJ]	1.70E+01	0.00E+00	8.69E-01	8.69E-01	9.01E-01	1.08E-01	0.00E+00	0.00E+00	-1.34E+01	-1.34E+01	1.34E+01	1.34E+01
PERT	[MJ]	6.66E+01	1.27E-02	4.36E+00	5.58E+00	1.56E+00	5.62E+00	3.70E-03	3.93E-03	2.35E-02	1.73E-02	-1.54E+01	-1.58E+01
PENRE	[MJ]	6.91E+00	1.75E-01	1.29E+00	1.51E+01	3.28E+00	2.53E+00	5.11E-02	5.42E-02	9.14E-02	9.00E-02	-4.48E+00	-5.28E+00
PENRM	[MJ]	7.59E-01	0.00E+00	3.52E+00	2.76E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	7.68E+00	1.75E-01	4.81E+00	1.79E+01	3.36E+00	2.54E+00	5.11E-02	5.42E-02	9.14E-02	9.00E-02	-4.48E+00	-5.28E+00
SM	[kg]	4.51E-03	0.00E+00	8.82E-02	2.25E-04	0.00E+00	0.00E+00	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	2.46E-03	1.39E-05	1.07E-03	3.23E-02	1.04E-02	3.69E-03	4.05E-06	4.30E-06	5.34E-04	2.71E-04	-6.55E-04	-7.00E-04
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												

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT PER FU (1kg) Pitch pine solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
HWD	[kg]	5.13E-09	5.43E-13	-3.76E-11	-6.60E-11	1.11E-11	-1.92E-09	1.58E-13	1.68E-13	-3.19E-12	1.44E-12	3.48E-10	4.25E-10
NHWD	[kg]	1.51E-02	2.67E-05	5.63E-03	3.65E-03	2.32E-04	1.08E-02	7.78E-06	8.26E-06	4.66E-03	4.31E-03	-3.85E-03	-4.14E-03
RWD	[kg]	5.40E-05	3.28E-07	5.54E-05	3.90E-05	4.86E-06	2.16E-04	9.56E-08	1.01E-07	1.73E-06	1.51E-06	-7.50E-05	-8.91E-05
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	4.04E-03	0.00E+00	3.02E-03	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-01	7.90E-01	0.00E+00	0.00E+00
MER	[kg]	3.51E-01	0.00E+00	1.76E-02	1.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	1.42E-02	0.00E+00	2.21E-01	2.21E-01	0.00E+00	5.43E-01	0.00E+00	0.00E+00	4.58E-01	2.19E-01	0.00E+00	0.00E+00
EET	[MJ]	6.15E-02	0.00E+00	9.60E-01	9.60E-01	0.00E+00	2.34E+00	0.00E+00	0.00E+00	1.95E+00	9.03E-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; EEE = Exported electrical energy; EET = Exported thermal energy												

Results for: Pitch pine solid wood flooring 20 mm (lacquered) and Pitch pine solid wood flooring 26 mm (lacquered)

ENVIRONMENTAL EFFECTS PER PRODUCT PER FU (1kg)													
Pitch pine solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
GWP	[kg CO2-eq.]	-1.06E+00	1.26E-02	1.97E-01	1.03E+00	1.58E-02	8.91E-01	3.68E-03	3.90E-03	1.46E+00	1.36E+00	-1.52E+00	-1.57E+00
ODP	[kg CFC11-eq.]	1.20E-08	1.97E-15	6.01E-10	4.41E-07	7.73E-08	5.79E-12	5.72E-16	6.07E-16	3.02E-14	2.59E-14	-1.45E-12	-1.74E-12
AP	[kg SO2-eq.]	4.07E-03	1.35E-05	4.58E-04	4.15E-03	9.64E-05	8.88E-04	3.92E-06	4.17E-06	4.86E-05	8.54E-05	-2.42E-04	-2.43E-04
EP	[kg PO43--eq.]	8.68E-04	2.95E-06	7.44E-05	1.74E-03	3.32E-05	1.52E-04	8.58E-07	9.11E-07	1.08E-05	2.18E-05	-4.33E-05	-4.86E-05
POCP	[kg ethene-eq.]	3.93E-04	-1.33E-06	5.01E-05	4.89E-04	1.20E-05	1.21E-04	-3.87E-07	-4.11E-07	3.53E-06	5.52E-06	-2.25E-05	-2.48E-05
ADPE	[kg Sb-eq.]	1.34E-06	8.47E-10	6.06E-07	1.03E-05	1.36E-07	7.99E-08	2.47E-10	2.62E-10	2.51E-09	2.43E-09	-2.76E-07	-1.37E-07
ADPF	[MJ]	7.31E+00	1.72E-01	2.87E+00	1.73E+01	3.71E-01	9.73E+00	5.01E-02	5.31E-02	8.58E-02	8.51E-02	-4.26E+00	-5.03E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources												

RESOURCE CONSUMPTION PER PRODUCT PER FU (1kg)													
Pitch pine solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
PERE	[MJ]	4.96E+01	1.27E-02	3.64E+00	4.85E+00	9.19E-03	6.40E+00	3.70E-03	3.93E-03	1.34E+01	1.34E+01	-2.89E+01	-2.92E+01
PERM	[MJ]	1.70E+01	0.00E+00	8.51E-01	8.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.34E+01	-1.34E+01	1.34E+01	1.34E+01
PERT	[MJ]	6.66E+01	1.27E-02	4.49E+00	5.71E+00	9.19E-03	6.40E+00	3.70E-03	3.93E-03	2.35E-02	1.73E-02	-1.54E+01	-1.58E+01
PENRE	[MJ]	6.91E+00	1.75E-01	2.51E+00	1.63E+01	1.95E-01	9.89E+00	5.11E-02	5.42E-02	9.14E-02	9.00E-02	-4.48E+00	-5.28E+00
PENRM	[MJ]	7.59E-01	0.00E+00	3.68E+00	2.93E+00	1.98E-01	9.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	7.68E+00	1.75E-01	6.20E+00	1.92E+01	3.93E-01	1.09E+01	5.11E-02	5.42E-02	9.14E-02	9.00E-02	-4.48E+00	-5.28E+00
SM	[kg]	4.51E-03	0.00E+00	8.82E-02	2.25E-04	0.00E+00	0.00E+00	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	2.46E-03	1.39E-05	1.30E-03	3.25E-02	5.17E-04	5.04E-03	4.05E-06	4.30E-06	5.34E-04	2.71E-04	-6.55E-04	-7.00E-04
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												

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT PER FU (1kg) Pitch pine solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
HWD	[kg]	5.13E-09	5.43E-13	7.40E-11	4.56E-11	-4.96E-14	-1.25E-09	1.58E-13	1.68E-13	-3.19E-12	1.44E-12	3.48E-10	4.25E-10
NHWD	[kg]	1.51E-02	2.67E-05	8.33E-03	6.35E-03	7.98E-05	2.70E-02	7.78E-06	8.26E-06	4.66E-03	4.31E-03	-3.85E-03	-4.14E-03
RWD	[kg]	5.40E-05	3.28E-07	7.90E-05	6.26E-05	6.66E-08	3.58E-04	9.56E-08	1.01E-07	1.73E-06	1.51E-06	-7.50E-05	-8.91E-05
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	4.04E-03	0.00E+00	3.02E-03	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-01	7.90E-01	0.00E+00	0.00E+00
MER	[kg]	3.51E-01	0.00E+00	1.76E-02	1.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	1.42E-02	0.00E+00	2.21E-01	2.21E-01	0.00E+00	5.43E-01	0.00E+00	0.00E+00	4.58E-01	2.19E-01	0.00E+00	0.00E+00
EET	[MJ]	6.15E-02	0.00E+00	9.60E-01	9.60E-01	0.00E+00	2.34E+00	0.00E+00	0.00E+00	1.95E+00	9.03E-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; EEE = Exported electrical energy; EET = Exported thermal energy												

**Results for: Pomeranian pine solid wood flooring 30 mm (oiled) and Pomeranian pine solid wood flooring 35 mm (oiled)**

ENVIRONMENTAL EFFECTS PER PRODUCT PER FU (1kg)													
Pomeranian pine solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
GWP	[kg CO2-eq.]	-1.51E+00	1.25E-02	6.24E-02	5.01E-01	1.24E-01	3.27E-01	3.78E-03	3.89E-03	1.60E+00	1.54E+00	-1.67E+00	-1.70E+00
ODP	[kg CFC11-eq.]	7.87E-09	1.95E-15	6.24E-10	2.32E-07	1.15E-08	1.39E-09	5.87E-16	6.05E-16	1.82E-14	1.59E-14	-1.01E-12	-1.16E-12
AP	[kg SO2-eq.]	9.78E-04	1.34E-05	1.61E-04	2.10E-03	1.01E-03	3.20E-04	4.03E-06	4.15E-06	2.98E-05	4.91E-05	-1.73E-04	-1.74E-04
EP	[kg PO43--eq.]	2.99E-04	2.93E-06	5.14E-05	9.27E-04	1.27E-03	1.99E-04	8.81E-07	9.09E-07	6.67E-06	1.24E-05	-3.31E-05	-3.59E-05
POCP	[kg ethene-eq.]	3.17E-04	-1.32E-06	2.59E-05	2.56E-04	9.08E-05	2.76E-05	-3.98E-07	-4.10E-07	2.35E-06	3.39E-06	-1.55E-05	-1.66E-05
ADPE	[kg Sb-eq.]	7.11E-07	8.40E-10	3.34E-07	5.40E-06	8.44E-07	1.35E-07	2.53E-10	2.61E-10	2.57E-09	2.54E-09	-1.49E-07	-7.56E-08
ADPF	[MJ]	3.11E+00	1.71E-01	7.94E-01	8.36E+00	1.59E+00	1.00E+00	5.14E-02	5.30E-02	6.70E-02	6.67E-02	-2.97E+00	-3.37E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources												

RESOURCE CONSUMPTION PER PRODUCT PER FU (1kg)													
Pomeranian pine solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
PERE	[MJ]	3.37E+01	1.26E-02	2.22E+00	2.86E+00	3.48E-01	2.90E+00	3.80E-03	3.92E-03	1.46E+01	1.46E+01	-3.08E+01	-3.09E+01
PERM	[MJ]	1.70E+01	0.00E+00	8.60E-01	8.60E-01	4.73E-01	5.67E-02	0.00E+00	0.00E+00	-1.46E+01	-1.46E+01	1.46E+01	1.46E+01
PERT	[MJ]	5.07E+01	1.26E-02	3.08E+00	3.72E+00	8.20E-01	2.95E+00	3.80E-03	3.92E-03	1.45E-02	1.12E-02	-1.61E+01	-1.63E+01
PENRE	[MJ]	2.86E+00	1.74E-01	6.51E-01	7.90E+00	1.72E+00	1.34E+00	5.24E-02	5.40E-02	7.12E-02	7.04E-02	-3.12E+00	-3.55E+00
PENRM	[MJ]	3.98E-01	0.00E+00	1.85E+00	1.45E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	3.27E+00	1.74E-01	2.50E+00	9.35E+00	1.76E+00	1.35E+00	5.24E-02	5.40E-02	7.12E-02	7.04E-02	-3.12E+00	-3.55E+00
SM	[kg]	2.37E-03	0.00E+00	4.63E-02	1.18E-04	0.00E+00	0.00E+00	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	1.47E-03	1.38E-05	6.72E-04	1.71E-02	5.44E-03	2.07E-03	4.16E-06	4.29E-06	2.87E-04	1.49E-04	-4.60E-04	-4.84E-04
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												

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT PER FU (1kg)													
Pomeranian pine solid wood flooring (oiled)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
HWD	[kg]	2.69E-09	5.39E-13	-2.07E-11	-3.57E-11	5.85E-12	-1.01E-09	1.62E-13	1.67E-13	-1.73E-12	6.97E-13	2.47E-10	2.87E-10
NHWD	[kg]	7.90E-03	2.65E-05	3.52E-03	2.48E-03	1.22E-04	6.01E-03	7.99E-06	8.24E-06	2.45E-03	2.27E-03	-2.59E-03	-2.74E-03
RWD	[kg]	2.80E-05	3.26E-07	2.93E-05	2.07E-05	2.55E-06	1.14E-04	9.81E-08	1.01E-07	1.22E-06	1.10E-06	-5.48E-05	-6.22E-05
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	2.12E-03	0.00E+00	1.59E-03	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-01	8.60E-01	0.00E+00	0.00E+00
MER	[kg]	9.23E-01	0.00E+00	4.62E-02	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	7.43E-03	0.00E+00	1.74E-01	1.74E-01	0.00E+00	3.62E-01	0.00E+00	0.00E+00	2.40E-01	1.15E-01	0.00E+00	0.00E+00
EET	[MJ]	3.23E-02	0.00E+00	7.59E-01	7.59E-01	0.00E+00	1.56E+00	0.00E+00	0.00E+00	1.03E+00	4.74E-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; EEE = Exported electrical energy; EET = Exported thermal energy												

**Results for: Pomeranian pine solid wood flooring 30 mm (lacquered) and Pomeranian pine solid wood flooring 35 mm (lacquered)**

ENVIRONMENTAL EFFECTS PER PRODUCT PER FU (1kg)													
Pomeranian pine solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
GWP	[kg CO2-eq.]	-1.51E+00	1.25E-02	9.42E-02	5.32E-01	8.32E-03	5.17E-01	3.78E-03	3.89E-03	1.60E+00	1.54E+00	-1.67E+00	-1.70E+00
ODP	[kg CFC11-eq.]	7.87E-09	1.95E-15	3.94E-10	2.32E-07	4.06E-08	3.04E-12	5.87E-16	6.05E-16	1.82E-14	1.59E-14	-1.01E-12	-1.16E-12
AP	[kg SO2-eq.]	9.78E-04	1.34E-05	1.88E-04	2.12E-03	5.06E-05	4.84E-04	4.03E-06	4.15E-06	2.98E-05	4.91E-05	-1.73E-04	-1.74E-04
EP	[kg PO43--eq.]	2.99E-04	2.93E-06	3.23E-05	9.08E-04	1.74E-05	8.43E-05	8.81E-07	9.09E-07	6.67E-06	1.24E-05	-3.31E-05	-3.59E-05
POCP	[kg ethene-eq.]	3.17E-04	-1.32E-06	3.21E-05	2.62E-04	6.27E-06	6.48E-05	-3.98E-07	-4.10E-07	2.35E-06	3.39E-06	-1.55E-05	-1.66E-05
ADPE	[kg Sb-eq.]	7.11E-07	8.40E-10	3.19E-07	5.38E-06	7.12E-08	4.20E-08	2.53E-10	2.61E-10	2.57E-09	2.54E-09	-1.49E-07	-7.56E-08
ADPF	[MJ]	3.11E+00	1.71E-01	1.48E+00	9.04E+00	1.95E-01	5.12E+00	5.14E-02	5.30E-02	6.70E-02	6.67E-02	-2.97E+00	-3.37E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources												

RESSOURCE CONSUMPTION PER PRODUCT PER FU (1kg)													
Pomeranian pine solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
PERE	[MJ]	3.37E+01	1.26E-02	2.30E+00	2.94E+00	4.82E-03	3.36E+00	3.80E-03	3.92E-03	1.46E+01	1.46E+01	-3.08E+01	-3.09E+01
PERM	[MJ]	1.70E+01	0.00E+00	8.51E-01	8.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.46E+01	-1.46E+01	1.46E+01	1.46E+01
PERT	[MJ]	5.07E+01	1.26E-02	3.15E+00	3.79E+00	4.82E-03	3.36E+00	3.80E-03	3.92E-03	1.45E-02	1.12E-02	-1.61E+01	-1.63E+01
PENRE	[MJ]	2.86E+00	1.74E-01	1.29E+00	8.54E+00	1.02E-01	5.20E+00	5.24E-02	5.40E-02	7.12E-02	7.04E-02	-3.12E+00	-3.55E+00
PENRM	[MJ]	3.98E-01	0.00E+00	1.93E+00	1.54E+00	1.04E-01	5.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	3.27E+00	1.74E-01	3.23E+00	1.01E+01	2.06E-01	5.71E+00	5.24E-02	5.40E-02	7.12E-02	7.04E-02	-3.12E+00	-3.55E+00
SM	[kg]	2.37E-03	0.00E+00	4.63E-02	1.18E-04	0.00E+00	0.00E+00	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m³]	1.47E-03	1.38E-05	7.90E-04	1.72E-02	2.71E-04	2.77E-03	4.16E-06	4.29E-06	2.87E-04	1.49E-04	-4.60E-04	-4.84E-04
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												

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT PER FU (1kg) Pomeranian pine solid wood flooring (lacquered)													
Parameter	Unit	A1-A3	A4	A5 (1)	A5 (2)	B2	B3	C2 (1)	C2 (2)	C3 (1)	C3 (2)	D (1)	D (2)
HWD	[kg]	2.69E-09	5.39E-13	3.79E-11	2.29E-11	-2.60E-14	-6.58E-10	1.62E-13	1.67E-13	-1.73E-12	6.97E-13	2.47E-10	2.87E-10
NHWD	[kg]	7.90E-03	2.65E-05	4.93E-03	3.89E-03	4.19E-05	1.45E-02	7.99E-06	8.24E-06	2.45E-03	2.27E-03	-2.59E-03	-2.74E-03
RWD	[kg]	2.80E-05	3.26E-07	4.17E-05	3.31E-05	3.50E-08	1.88E-04	9.81E-08	1.01E-07	1.22E-06	1.10E-06	-5.48E-05	-6.22E-05
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	2.12E-03	0.00E+00	1.59E-03	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-01	8.60E-01	0.00E+00	0.00E+00
MER	[kg]	9.23E-01	0.00E+00	4.62E-02	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE	[MJ]	7.43E-03	0.00E+00	1.74E-01	1.74E-01	0.00E+00	3.62E-01	0.00E+00	0.00E+00	2.40E-01	1.15E-01	0.00E+00	0.00E+00
EET	[MJ]	3.23E-02	0.00E+00	7.59E-01	7.59E-01	0.00E+00	1.56E+00	0.00E+00	0.00E+00	1.03E+00	4.74E-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; EEE = Exported electrical energy; EET = Exported thermal energy												

Checked and approved by



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