

This appendix refers to the EPD >MD-19009-EN_rev1<, 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.

Overview of the different products and respective results (with links to the sections)

	Wood species	Thickness	2-strip Parquet	Twin herringbone	Single stave	Surface treatment		
						Laquer 1	Lacquer 2	Oil
Results for Group 1, 2 and 3 (14 mm oak 2-strip parquet and Twin herringbone; all surface treatments)								
Group 1	Oak	14 mm	x	x		x		
Group 2	Oak	14 mm	x	x			x	
Group 3	Oak	14 mm	x	x				x
Results for Group 4, 5 and 6 (22 mm oak 2-strip parquet and Twin herringbone; all surface treatments)								
Group 4	Oak	22 mm	x	x		x		
Group 5	Oak	22 mm	x	x			x	
Group 6	Oak	22 mm	x	x				x
Results for Group 7, 8 and 9 (14 mm beech and ash 2-strip parquet; all surface treatments)								
Group 7	Beech/ Ash	14 mm	x			x		
Group 8	Beech/ Ash	14 mm	x				x	
Group 9	Beech/ Ash	14 mm	x					x
Results for Group 10, 11 and 12 (14 mm beech and ash Twin herringbone; all surface treatments)								
Group 10	Beech/ Ash	14 mm		x		x		
Group 11	Beech/ Ash	14 mm		x			x	
Group 12	Beech/ Ash	14 mm		x				x
Results for Group 13 and 14 (22 mm beech and ash and maple 2-strip parquet; lacquer 1 and 2 surface treatment)								
Group 13	Beech/ Ash/ Maple	22 mm	x			x		
Group 14	Beech/ Ash/ Maple	22 mm	x				x	
Results for Group 15 and 16 (22 mm beech and ash Twin herringbone; lacquer 1 and 2 surface treatment)								
Group 15	Beech/ Ash	22 mm		x		x		
Group 16	Beech/ Ash	22 mm		x			x	
Results for Group 17, 18 and 19 (22 mm beech and ash 2-strip parquet and Twin herringbone and maple 2-strip parquet; oil surface treatment)								
Group 17	Beech	22 mm	x	x				x
Group 18	Ash	22 mm	x	x				x
Group 19	Maple	22 mm	x					x
Results for Group 20 and 21 (22 mm and 15 mm oak single staves)								
Group 20	Oak	22 mm			x			
Group 21	Oak	15 mm			x			

Results for Group 1, 2 and 3 (14 mm oak 2-strip parquet and Twin herringbone; all surface treatments)

ENVIRONMENTAL IMPACTS PER 1m ² floor (14 mm oak 2-strip parquet and Twin hering bone; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 1)							
GWP	[kg CO2-eq.]	-1,14E+01	0,00E+00	4,30E-02	1,89E+01	0,00E+00	-4,65E+00
ODP	[kg CFC11-eq.]	1,01E-07	0,00E+00	1,08E-17	1,83E-15	0,00E+00	-6,37E-14
AP	[kg SO2-eq.]	5,18E-02	0,00E+00	1,85E-04	6,46E-05	0,00E+00	-2,14E-03
EP	[kg PO43--eq.]	1,19E-02	0,00E+00	4,62E-05	1,20E-05	0,00E+00	-3,92E-04
POCP	[kg ethene-eq.]	2,71E-02	0,00E+00	-6,81E-05	6,12E-06	0,00E+00	-2,86E-04
ADPE	[kg Sb-eq.]	1,01E+02	0,00E+00	5,88E-01	4,84E-01	0,00E+00	-6,63E+01
ADPF	[MJ]	7,37E-06	0,00E+00	3,53E-09	2,53E-08	0,00E+00	-9,04E-07
Lacquer 2 (Group 2)							
GWP	[kg CO2-eq.]	-1,19E+01	0,00E+00	4,30E-02	1,89E+01	0,00E+00	-4,65E+00
ODP	[kg CFC11-eq.]	7,09E-08	0,00E+00	1,08E-17	1,83E-15	0,00E+00	-6,37E-14
AP	[kg SO2-eq.]	5,00E-02	0,00E+00	1,85E-04	6,46E-05	0,00E+00	-2,14E-03
EP	[kg PO43--eq.]	1,12E-02	0,00E+00	4,62E-05	1,20E-05	0,00E+00	-3,92E-04
POCP	[kg ethene-eq.]	2,68E-02	0,00E+00	-6,81E-05	6,12E-06	0,00E+00	-2,86E-04
ADPE	[kg Sb-eq.]	9,32E+01	0,00E+00	5,88E-01	4,84E-01	0,00E+00	-6,63E+01
ADPF	[MJ]	6,41E-06	0,00E+00	3,53E-09	2,53E-08	0,00E+00	-9,04E-07
Oil (Group 3)							
GWP	[kg CO2-eq.]	-1,23E+01	0,00E+00	4,30E-02	1,89E+01	0,00E+00	-4,65E+00
ODP	[kg CFC11-eq.]	5,94E-08	0,00E+00	1,08E-17	1,83E-15	0,00E+00	-6,37E-14
AP	[kg SO2-eq.]	4,84E-02	0,00E+00	1,85E-04	6,46E-05	0,00E+00	-2,14E-03
EP	[kg PO43--eq.]	1,10E-02	0,00E+00	4,62E-05	1,20E-05	0,00E+00	-3,92E-04
POCP	[kg ethene-eq.]	2,65E-02	0,00E+00	-6,81E-05	6,12E-06	0,00E+00	-2,86E-04
ADPE	[kg Sb-eq.]	8,72E+01	0,00E+00	5,88E-01	4,84E-01	0,00E+00	-6,63E+01
ADPF	[MJ]	5,56E-06	0,00E+00	3,53E-09	2,53E-08	0,00E+00	-9,04E-07
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 USE PER 1m ² floor (14 mm oak 2-strip parquet and Twin hering bone; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 1)							
PERE	[MJ]	1,27E+03	0,00E+00	3,51E-02	1,13E+00	0,00E+00	-4,06E+01
PERM	[MJ]	1,84E+02	0,00E+00	0,00E+00	-1,84E+02	0,00E+00	1,84E+02
PERT	[MJ]	1,12E+02	0,00E+00	5,91E-01	6,17E-01	0,00E+00	-7,05E+01
PENRE	[MJ]	1,12E+02	0,00E+00	5,91E-01	6,17E-01	0,00E+00	-7,05E+01
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	9,49E-02	0,00E+00	-2,43E-10	-1,22E-09	0,00E+00	5,99E-07
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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Lacquer 2 (Group 2)							
PERE	[MJ]	1,27E+03	0,00E+00	3,51E-02	1,13E+00	0,00E+00	-4,06E+01
PERM	[MJ]	1,84E+02	0,00E+00	0,00E+00	-1,84E+02	0,00E+00	1,84E+02
PERT	[MJ]	1,04E+02	0,00E+00	5,91E-01	6,17E-01	0,00E+00	-7,05E+01
PENRE	[MJ]	1,04E+02	0,00E+00	5,91E-01	6,17E-01	0,00E+00	-7,05E+01
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,04E+02	0,00E+00	5,91E-01	6,17E-01	0,00E+00	-7,05E+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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Oil (Group 3)							
PERE	[MJ]	1,27E+03	0,00E+00	3,51E-02	1,13E+00	0,00E+00	-4,06E+01
PERM	[MJ]	1,84E+02	0,00E+00	0,00E+00	-1,84E+02	0,00E+00	1,84E+02
PERT	[MJ]	9,79E+01	0,00E+00	5,91E-01	6,17E-01	0,00E+00	-7,05E+01
PENRE	[MJ]	9,79E+01	0,00E+00	5,91E-01	6,17E-01	0,00E+00	-7,05E+01
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	9,79E+01	0,00E+00	5,91E-01	6,17E-01	0,00E+00	-7,05E+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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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 = Use of net fresh water						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1m² floor (14 mm oak 2-strip parquet and Twin hering bone; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 1)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,27E-01	0,00E+00	4,98E-05	2,34E-03	0,00E+00	4,03E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	1,99E-06	0,00E+00	3,28E-08	1,07E-09	0,00E+00	-4,47E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Lacquer 2 (Group 2)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,27E-01	0,00E+00	4,98E-05	2,34E-03	0,00E+00	4,03E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	1,98E-06	0,00E+00	3,28E-08	1,07E-09	0,00E+00	-4,47E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Oil (Group 3)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,26E-01	0,00E+00	4,98E-05	2,34E-03	0,00E+00	4,03E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	1,96E-06	0,00E+00	3,28E-08	1,07E-09	0,00E+00	-4,47E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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 Group 4, 5 and 6 (22 mm oak 2-strip parquet and Twin herringbone; all surface treatments)

ENVIRONMENTAL IMPACTS PER 1m ² floor (22 mm oak 2-strip parquet and Twin hering bone; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 4)							
GWP	[kg CO2-eq.]	-2,04E+01	0,00E+00	6,53E-02	2,88E+01	0,00E+00	-7,07E+00
ODP	[kg CFC11-eq.]	9,73E-08	0,00E+00	1,64E-17	2,78E-15	0,00E+00	-9,67E-14
AP	[kg SO2-eq.]	5,91E-02	0,00E+00	2,81E-04	9,81E-05	0,00E+00	-3,25E-03
EP	[kg PO43--eq.]	1,34E-02	0,00E+00	7,02E-05	1,83E-05	0,00E+00	-5,96E-04
POCP	[kg ethene-eq.]	3,51E-02	0,00E+00	-1,03E-04	9,29E-06	0,00E+00	-4,35E-04
ADPE	[kg Sb-eq.]	1,16E+02	0,00E+00	8,93E-01	7,35E-01	0,00E+00	-1,01E+02
ADPF	[MJ]	7,42E-06	0,00E+00	5,36E-09	3,84E-08	0,00E+00	-1,37E-06
Lacquer 2 (Group 5)							
GWP	[kg CO2-eq.]	-2,09E+01	0,00E+00	6,53E-02	2,88E+01	0,00E+00	-7,07E+00
ODP	[kg CFC11-eq.]	6,84E-08	0,00E+00	1,64E-17	2,78E-15	0,00E+00	-9,67E-14
AP	[kg SO2-eq.]	5,73E-02	0,00E+00	2,81E-04	9,81E-05	0,00E+00	-3,25E-03
EP	[kg PO43--eq.]	1,27E-02	0,00E+00	7,02E-05	1,83E-05	0,00E+00	-5,96E-04
POCP	[kg ethene-eq.]	3,49E-02	0,00E+00	-1,03E-04	9,29E-06	0,00E+00	-4,35E-04
ADPE	[kg Sb-eq.]	1,08E+02	0,00E+00	8,93E-01	7,35E-01	0,00E+00	-1,01E+02
ADPF	[MJ]	6,49E-06	0,00E+00	5,36E-09	3,84E-08	0,00E+00	-1,37E-06
Oil (Group 6)							
GWP	[kg CO2-eq.]	-2,12E+01	0,00E+00	6,53E-02	2,88E+01	0,00E+00	-7,07E+00
ODP	[kg CFC11-eq.]	5,72E-08	0,00E+00	1,64E-17	2,78E-15	0,00E+00	-9,67E-14
AP	[kg SO2-eq.]	5,58E-02	0,00E+00	2,81E-04	9,81E-05	0,00E+00	-3,25E-03
EP	[kg PO43--eq.]	1,25E-02	0,00E+00	7,02E-05	1,83E-05	0,00E+00	-5,96E-04
POCP	[kg ethene-eq.]	3,46E-02	0,00E+00	-1,03E-04	9,29E-06	0,00E+00	-4,35E-04
ADPE	[kg Sb-eq.]	1,02E+02	0,00E+00	8,93E-01	7,35E-01	0,00E+00	-1,01E+02
ADPF	[MJ]	5,67E-06	0,00E+00	5,36E-09	3,84E-08	0,00E+00	-1,37E-06
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 USE PER 1m ² floor (22 mm oak 2-strip parquet and Twin hering bone; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 4)							
PERE	[MJ]	1,59E+03	0,00E+00	5,33E-02	1,72E+00	0,00E+00	-6,16E+01
PERM	[MJ]	2,79E+02	0,00E+00	0,00E+00	-2,79E+02	0,00E+00	2,79E+02
PERT	[MJ]	1,28E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
PENRE	[MJ]	1,28E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	8,40E-02	0,00E+00	-3,69E-10	-1,86E-09	0,00E+00	9,11E-07
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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Lacquer 2 (Group 5)							
PERE	[MJ]	1,59E+03	0,00E+00	5,33E-02	1,72E+00	0,00E+00	-6,16E+01
PERM	[MJ]	2,79E+02	0,00E+00	0,00E+00	-2,79E+02	0,00E+00	2,79E+02
PERT	[MJ]	1,20E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
PENRE	[MJ]	1,20E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,20E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02

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	[m³]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Oil (Group 6)							
PERE	[MJ]	1,59E+03	0,00E+00	5,33E-02	1,72E+00	0,00E+00	-6,16E+01
PERM	[MJ]	2,79E+02	0,00E+00	0,00E+00	-2,79E+02	0,00E+00	2,79E+02
PERT	[MJ]	1,14E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
PENRE	[MJ]	1,14E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,14E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
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	[m³]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	<p>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 = Use of fresh water</p>						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1m² floor (22 mm oak 2-strip parquet and Twin hering bone; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 4)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,50E-01	0,00E+00	7,56E-05	3,56E-03	0,00E+00	6,13E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	2,50E-06	0,00E+00	4,99E-08	1,62E-09	0,00E+00	-6,79E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Lacquer 2 (Group 5)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,49E-01	0,00E+00	7,56E-05	3,56E-03	0,00E+00	6,13E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	2,49E-06	0,00E+00	4,99E-08	1,62E-09	0,00E+00	-6,79E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Oil (Group 6)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,49E-01	0,00E+00	7,56E-05	3,56E-03	0,00E+00	6,13E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	2,47E-06	0,00E+00	4,99E-08	1,62E-09	0,00E+00	-6,79E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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 Group 7, 8 and 9 (14 mm beech and ash 2-strip parquet; all surface treatments)

ENVIRONMENTAL IMPACTS PER 1m ² floor (14 mm beech and ash 2-strip parquet; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 7)							
GWP	[kg CO2-eq.]	-2,04E+01	0,00E+00	6,53E-02	2,88E+01	0,00E+00	-7,07E+00
ODP	[kg CFC11-eq.]	9,73E-08	0,00E+00	1,64E-17	2,78E-15	0,00E+00	-9,67E-14
AP	[kg SO2-eq.]	5,91E-02	0,00E+00	2,81E-04	9,81E-05	0,00E+00	-3,25E-03
EP	[kg PO43--eq.]	1,34E-02	0,00E+00	7,02E-05	1,83E-05	0,00E+00	-5,96E-04
POCP	[kg ethene-eq.]	3,51E-02	0,00E+00	-1,03E-04	9,29E-06	0,00E+00	-4,35E-04
ADPE	[kg Sb-eq.]	1,16E+02	0,00E+00	8,93E-01	7,35E-01	0,00E+00	-1,01E+02
ADPF	[MJ]	7,42E-06	0,00E+00	5,36E-09	3,84E-08	0,00E+00	-1,37E-06
Lacquer 2 (Group 8)							
GWP	[kg CO2-eq.]	-2,09E+01	0,00E+00	6,53E-02	2,88E+01	0,00E+00	-7,07E+00
ODP	[kg CFC11-eq.]	6,84E-08	0,00E+00	1,64E-17	2,78E-15	0,00E+00	-9,67E-14
AP	[kg SO2-eq.]	5,73E-02	0,00E+00	2,81E-04	9,81E-05	0,00E+00	-3,25E-03
EP	[kg PO43--eq.]	1,27E-02	0,00E+00	7,02E-05	1,83E-05	0,00E+00	-5,96E-04
POCP	[kg ethene-eq.]	3,49E-02	0,00E+00	-1,03E-04	9,29E-06	0,00E+00	-4,35E-04
ADPE	[kg Sb-eq.]	1,08E+02	0,00E+00	8,93E-01	7,35E-01	0,00E+00	-1,01E+02
ADPF	[MJ]	6,49E-06	0,00E+00	5,36E-09	3,84E-08	0,00E+00	-1,37E-06
Oil (Group 9)							
GWP	[kg CO2-eq.]	-2,12E+01	0,00E+00	6,53E-02	2,88E+01	0,00E+00	-7,07E+00
ODP	[kg CFC11-eq.]	5,72E-08	0,00E+00	1,64E-17	2,78E-15	0,00E+00	-9,67E-14
AP	[kg SO2-eq.]	5,58E-02	0,00E+00	2,81E-04	9,81E-05	0,00E+00	-3,25E-03
EP	[kg PO43--eq.]	1,25E-02	0,00E+00	7,02E-05	1,83E-05	0,00E+00	-5,96E-04
POCP	[kg ethene-eq.]	3,46E-02	0,00E+00	-1,03E-04	9,29E-06	0,00E+00	-4,35E-04
ADPE	[kg Sb-eq.]	1,02E+02	0,00E+00	8,93E-01	7,35E-01	0,00E+00	-1,01E+02
ADPF	[MJ]	5,67E-06	0,00E+00	5,36E-09	3,84E-08	0,00E+00	-1,37E-06
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 USE PER 1m ² floor (14 mm beech and ash 2-strip parquet; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 7)							
PERE	[MJ]	1,59E+03	0,00E+00	5,33E-02	1,72E+00	0,00E+00	-6,16E+01
PERM	[MJ]	2,79E+02	0,00E+00	0,00E+00	-2,79E+02	0,00E+00	2,79E+02
PERT	[MJ]	1,28E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
PENRE	[MJ]	1,28E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	8,40E-02	0,00E+00	-3,69E-10	-1,86E-09	0,00E+00	9,11E-07
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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Lacquer 2 (Group 8)							
PERE	[MJ]	1,59E+03	0,00E+00	5,33E-02	1,72E+00	0,00E+00	-6,16E+01
PERM	[MJ]	2,79E+02	0,00E+00	0,00E+00	-2,79E+02	0,00E+00	2,79E+02
PERT	[MJ]	1,20E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
PENRE	[MJ]	1,20E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,20E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02

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	[m³]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Oil (Group 9)							
PERE	[MJ]	1,59E+03	0,00E+00	5,33E-02	1,72E+00	0,00E+00	-6,16E+01
PERM	[MJ]	2,79E+02	0,00E+00	0,00E+00	-2,79E+02	0,00E+00	2,79E+02
PERT	[MJ]	1,14E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
PENRE	[MJ]	1,14E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,14E+02	0,00E+00	8,98E-01	9,37E-01	0,00E+00	-1,07E+02
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	[m³]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	<p>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 = Use of net fresh water</p>						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1m² floor (14 mm beech and ash 2-strip parquet; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 7)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,50E-01	0,00E+00	7,56E-05	3,56E-03	0,00E+00	6,13E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	2,50E-06	0,00E+00	4,99E-08	1,62E-09	0,00E+00	-6,79E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Lacquer 2 (Group 8)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,49E-01	0,00E+00	7,56E-05	3,56E-03	0,00E+00	6,13E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	2,49E-06	0,00E+00	4,99E-08	1,62E-09	0,00E+00	-6,79E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Oil (Group 9)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,49E-01	0,00E+00	7,56E-05	3,56E-03	0,00E+00	6,13E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	2,47E-06	0,00E+00	4,99E-08	1,62E-09	0,00E+00	-6,79E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	<p>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</p>						

Results for Group 10, 11 and 12 (14 mm beech and ash Twin herringbone; all surface treatments)

ENVIRONMENTAL IMPACTS PER 1m ² floor (14 mm beech and ash Twin hering bone; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 10)							
GWP	[kg CO2-eq.]	-1,19E+01	0,00E+00	4,36E-02	1,92E+01	0,00E+00	-4,72E+00
ODP	[kg CFC11-eq.]	1,04E-07	0,00E+00	1,10E-17	1,86E-15	0,00E+00	-6,46E-14
AP	[kg SO2-eq.]	4,78E-02	0,00E+00	1,87E-04	6,55E-05	0,00E+00	-2,17E-03
EP	[kg PO43--eq.]	1,11E-02	0,00E+00	4,68E-05	1,22E-05	0,00E+00	-3,98E-04
POCP	[kg ethene-eq.]	2,57E-02	0,00E+00	-6,91E-05	6,21E-06	0,00E+00	-2,90E-04
ADPE	[kg Sb-eq.]	9,96E+01	0,00E+00	5,96E-01	4,91E-01	0,00E+00	-6,72E+01
ADPF	[MJ]	7,30E-06	0,00E+00	3,58E-09	2,56E-08	0,00E+00	-9,17E-07
Lacquer 2 (Group 11)							
GWP	[kg CO2-eq.]	-1,24E+01	0,00E+00	4,36E-02	1,92E+01	0,00E+00	-4,72E+00
ODP	[kg CFC11-eq.]	7,20E-08	0,00E+00	1,10E-17	1,86E-15	0,00E+00	-6,46E-14
AP	[kg SO2-eq.]	4,59E-02	0,00E+00	1,87E-04	6,55E-05	0,00E+00	-2,17E-03
EP	[kg PO43--eq.]	1,04E-02	0,00E+00	4,68E-05	1,22E-05	0,00E+00	-3,98E-04
POCP	[kg ethene-eq.]	2,54E-02	0,00E+00	-6,91E-05	6,21E-06	0,00E+00	-2,90E-04
ADPE	[kg Sb-eq.]	9,15E+01	0,00E+00	5,96E-01	4,91E-01	0,00E+00	-6,72E+01
ADPF	[MJ]	6,27E-06	0,00E+00	3,58E-09	2,56E-08	0,00E+00	-9,17E-07
Oil (Group 12)							
GWP	[kg CO2-eq.]	-1,28E+01	0,00E+00	4,36E-02	1,92E+01	0,00E+00	-4,72E+00
ODP	[kg CFC11-eq.]	5,96E-08	0,00E+00	1,10E-17	1,86E-15	0,00E+00	-6,46E-14
AP	[kg SO2-eq.]	4,42E-02	0,00E+00	1,87E-04	6,55E-05	0,00E+00	-2,17E-03
EP	[kg PO43--eq.]	1,01E-02	0,00E+00	4,68E-05	1,22E-05	0,00E+00	-3,98E-04
POCP	[kg ethene-eq.]	2,51E-02	0,00E+00	-6,91E-05	6,21E-06	0,00E+00	-2,90E-04
ADPE	[kg Sb-eq.]	8,50E+01	0,00E+00	5,96E-01	4,91E-01	0,00E+00	-6,72E+01
ADPF	[MJ]	5,36E-06	0,00E+00	3,58E-09	2,56E-08	0,00E+00	-9,17E-07
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 USE PER 1m ² floor (14 mm beech and ash Twin hering bone; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 10)							
PERE	[MJ]	1,20E+03	0,00E+00	3,56E-02	1,15E+00	0,00E+00	-4,12E+01
PERM	[MJ]	1,86E+02	0,00E+00	0,00E+00	-1,86E+02	0,00E+00	1,86E+02
PERT	[MJ]	1,10E+02	0,00E+00	5,99E-01	6,26E-01	0,00E+00	-7,15E+01
PENRE	[MJ]	1,10E+02	0,00E+00	5,99E-01	6,26E-01	0,00E+00	-7,15E+01
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	4,08E-02	0,00E+00	-2,46E-10	-1,24E-09	0,00E+00	6,08E-07
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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Lacquer 2 (Group 11)							
PERE	[MJ]	1,20E+03	0,00E+00	3,56E-02	1,15E+00	0,00E+00	-4,12E+01
PERM	[MJ]	1,86E+02	0,00E+00	0,00E+00	-1,86E+02	0,00E+00	1,86E+02
PERT	[MJ]	1,02E+02	0,00E+00	5,99E-01	6,26E-01	0,00E+00	-7,15E+01
PENRE	[MJ]	1,02E+02	0,00E+00	5,99E-01	6,26E-01	0,00E+00	-7,15E+01
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,02E+02	0,00E+00	5,99E-01	6,26E-01	0,00E+00	-7,15E+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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Oil (Group 12)							
PERE	[MJ]	1,20E+03	0,00E+00	3,56E-02	1,15E+00	0,00E+00	-4,12E+01
PERM	[MJ]	1,86E+02	0,00E+00	0,00E+00	-1,86E+02	0,00E+00	1,86E+02
PERT	[MJ]	9,49E+01	0,00E+00	5,99E-01	6,26E-01	0,00E+00	-7,15E+01
PENRE	[MJ]	9,49E+01	0,00E+00	5,99E-01	6,26E-01	0,00E+00	-7,15E+01
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	9,49E+01	0,00E+00	5,99E-01	6,26E-01	0,00E+00	-7,15E+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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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 = Use of net fresh water						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1m² floor (14 mm beech and ash Twin hering bone; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 10)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	2,83E-01	0,00E+00	5,05E-05	2,38E-03	0,00E+00	4,09E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	1,88E-06	0,00E+00	3,33E-08	1,08E-09	0,00E+00	-4,54E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Lacquer 2 (Group 11)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	2,83E-01	0,00E+00	5,05E-05	2,38E-03	0,00E+00	4,09E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	1,87E-06	0,00E+00	3,33E-08	1,08E-09	0,00E+00	-4,54E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Oil (Group 12)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	2,82E-01	0,00E+00	5,05E-05	2,38E-03	0,00E+00	4,09E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	1,85E-06	0,00E+00	3,33E-08	1,08E-09	0,00E+00	-4,54E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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 Group 13 and 14 (22 mm beech and ash and marple 2-strip parquet; lacquer 1 and 2 surface treatment)

ENVIRONMENTAL IMPACTS PER 1m ² floor (22 mm beech and ash and marple 2-strip parquet; lacquer 1 and 2 surface treatment)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 13)							
GWP	[kg CO2-eq.]	-2,09E+01	0,00E+00	6,37E-02	2,81E+01	0,00E+00	-6,90E+00
ODP	[kg CFC11-eq.]	9,56E-08	0,00E+00	1,60E-17	2,71E-15	0,00E+00	-9,44E-14
AP	[kg SO2-eq.]	5,33E-02	0,00E+00	2,74E-04	9,57E-05	0,00E+00	-3,17E-03
EP	[kg PO43--eq.]	1,22E-02	0,00E+00	6,84E-05	1,79E-05	0,00E+00	-5,81E-04
POCP	[kg ethene-eq.]	2,86E-02	0,00E+00	-1,01E-04	9,06E-06	0,00E+00	-4,24E-04
ADPE	[kg Sb-eq.]	1,01E+02	0,00E+00	8,71E-01	7,17E-01	0,00E+00	-9,82E+01
ADPF	[MJ]	6,77E-06	0,00E+00	5,23E-09	3,74E-08	0,00E+00	-1,34E-06
Lacquer 2 (Group 14)							
GWP	[kg CO2-eq.]	-2,13E+01	0,00E+00	6,37E-02	2,81E+01	0,00E+00	-6,90E+00
ODP	[kg CFC11-eq.]	6,83E-08	0,00E+00	1,60E-17	2,71E-15	0,00E+00	-9,44E-14
AP	[kg SO2-eq.]	5,17E-02	0,00E+00	2,74E-04	9,57E-05	0,00E+00	-3,17E-03
EP	[kg PO43--eq.]	1,16E-02	0,00E+00	6,84E-05	1,79E-05	0,00E+00	-5,81E-04
POCP	[kg ethene-eq.]	2,84E-02	0,00E+00	-1,01E-04	9,06E-06	0,00E+00	-4,24E-04
ADPE	[kg Sb-eq.]	9,36E+01	0,00E+00	8,71E-01	7,17E-01	0,00E+00	-9,82E+01
ADPF	[MJ]	5,89E-06	0,00E+00	5,23E-09	3,74E-08	0,00E+00	-1,34E-06
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 USE PER 1m ² floor (22 mm beech and ash and marple 2-strip parquet; lacquer 1 and 2 surface treatment)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 13)							
PERE	[MJ]	1,27E+03	0,00E+00	5,20E-02	1,68E+00	0,00E+00	-6,01E+01
PERM	[MJ]	2,72E+02	0,00E+00	0,00E+00	-2,72E+02	0,00E+00	2,72E+02
PERT	[MJ]	1,10E+02	0,00E+00	8,76E-01	9,14E-01	0,00E+00	-1,04E+02
PENRE	[MJ]	1,10E+02	0,00E+00	8,76E-01	9,14E-01	0,00E+00	-1,04E+02
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,29E-01	0,00E+00	-3,60E-10	-1,81E-09	0,00E+00	8,88E-07
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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Lacquer 2 (Group 14)							
PERE	[MJ]	1,27E+03	0,00E+00	5,20E-02	1,68E+00	0,00E+00	-6,01E+01
PERM	[MJ]	2,72E+02	0,00E+00	0,00E+00	-2,72E+02	0,00E+00	2,72E+02
PERT	[MJ]	1,03E+02	0,00E+00	8,76E-01	9,14E-01	0,00E+00	-1,04E+02
PENRE	[MJ]	1,03E+02	0,00E+00	8,76E-01	9,14E-01	0,00E+00	-1,04E+02
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,03E+02	0,00E+00	8,76E-01	9,14E-01	0,00E+00	-1,04E+02
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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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 = Use of net fresh water						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1m² floor (22 mm beech and ash and marple 2-strip parquet; lacquer 1 and 2 surface treatment)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 13)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,10E-01	0,00E+00	7,38E-05	3,47E-03	0,00E+00	5,98E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	2,20E-06	0,00E+00	4,86E-08	1,58E-09	0,00E+00	-6,62E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Lacquer 2 (Group 14)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,10E-01	0,00E+00	7,38E-05	3,47E-03	0,00E+00	5,98E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	2,19E-06	0,00E+00	4,86E-08	1,58E-09	0,00E+00	-6,62E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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 Group 15 and 16 (22 mm beech and ash Twin herringbone; lacquer 1 and 2 surface treatment)

ENVIRONMENTAL IMPACTS PER 1m ² floor (22 mm beech and ash Twin hering bone; lacquer 1 and 2 surface treatment)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 15)							
GWP	[kg CO2-eq.]	-2,05E+01	0,00E+00	6,50E-02	2,86E+01	0,00E+00	-7,04E+00
ODP	[kg CFC11-eq.]	9,90E-08	0,00E+00	1,63E-17	2,77E-15	0,00E+00	-9,63E-14
AP	[kg SO2-eq.]	5,68E-02	0,00E+00	2,79E-04	9,76E-05	0,00E+00	-3,23E-03
EP	[kg PO43--eq.]	1,29E-02	0,00E+00	6,98E-05	1,82E-05	0,00E+00	-5,93E-04
POCP	[kg ethene-eq.]	3,32E-02	0,00E+00	-1,03E-04	9,25E-06	0,00E+00	-4,32E-04
ADPE	[kg Sb-eq.]	1,13E+02	0,00E+00	8,89E-01	7,31E-01	0,00E+00	-1,00E+02
ADPF	[MJ]	7,35E-06	0,00E+00	5,33E-09	3,82E-08	0,00E+00	-1,37E-06
Lacquer 2 (Group 16)							
GWP	[kg CO2-eq.]	-2,10E+01	0,00E+00	6,50E-02	2,86E+01	0,00E+00	-7,04E+00
ODP	[kg CFC11-eq.]	6,86E-08	0,00E+00	1,63E-17	2,77E-15	0,00E+00	-9,63E-14
AP	[kg SO2-eq.]	5,50E-02	0,00E+00	2,79E-04	9,76E-05	0,00E+00	-3,23E-03
EP	[kg PO43--eq.]	1,23E-02	0,00E+00	6,98E-05	1,82E-05	0,00E+00	-5,93E-04
POCP	[kg ethene-eq.]	3,30E-02	0,00E+00	-1,03E-04	9,25E-06	0,00E+00	-4,32E-04
ADPE	[kg Sb-eq.]	1,05E+02	0,00E+00	8,89E-01	7,31E-01	0,00E+00	-1,00E+02
ADPF	[MJ]	6,37E-06	0,00E+00	5,33E-09	3,82E-08	0,00E+00	-1,37E-06
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 USE PER 1m ² floor (22 mm beech and ash Twin hering bone; lacquer 1 and 2 surface treatment)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 15)							
PERE	[MJ]	1,52E+03	0,00E+00	5,31E-02	1,72E+00	0,00E+00	-6,13E+01
PERM	[MJ]	2,78E+02	0,00E+00	0,00E+00	-2,78E+02	0,00E+00	2,78E+02
PERT	[MJ]	1,24E+02	0,00E+00	8,93E-01	9,32E-01	0,00E+00	-1,07E+02
PENRE	[MJ]	1,24E+02	0,00E+00	8,93E-01	9,32E-01	0,00E+00	-1,07E+02
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	3,89E-02	0,00E+00	-3,67E-10	-1,85E-09	0,00E+00	9,06E-07
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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Lacquer 2 (Group 16)							
PERE	[MJ]	1,52E+03	0,00E+00	5,31E-02	1,72E+00	0,00E+00	-6,13E+01
PERM	[MJ]	2,78E+02	0,00E+00	0,00E+00	-2,78E+02	0,00E+00	2,78E+02
PERT	[MJ]	1,16E+02	0,00E+00	8,93E-01	9,32E-01	0,00E+00	-1,07E+02
PENRE	[MJ]	1,16E+02	0,00E+00	8,93E-01	9,32E-01	0,00E+00	-1,07E+02
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,16E+02	0,00E+00	8,93E-01	9,32E-01	0,00E+00	-1,07E+02
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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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 = Use of net fresh water						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1m² floor (22 mm beech and ash Twin hering bone; lacquer 1 and 2 surface treatment)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Lacquer 1 (Group 15)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,22E-01	0,00E+00	7,53E-05	3,54E-03	0,00E+00	6,10E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	2,47E-06	0,00E+00	4,96E-08	1,62E-09	0,00E+00	-6,76E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Lacquer 2 (Group 16)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,21E-01	0,00E+00	7,53E-05	3,54E-03	0,00E+00	6,10E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	2,46E-06	0,00E+00	4,96E-08	1,62E-09	0,00E+00	-6,76E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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 Group 17, 18 and 19 (22 mm beech and ash 2-strip parquet and Twin herringbone and maple 2-strip parquet; oil surface treatment)

ENVIRONMENTAL IMPACTS PER 1m ² floor (14 mm beech and ash Twin hering bone; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Beech oil (Group 17)							
GWP	[kg CO2-eq.]	-2,34E+01	0,00E+00	6,88E-02	3,04E+01	0,00E+00	-7,46E+00
ODP	[kg CFC11-eq.]	5,70E-08	0,00E+00	1,73E-17	2,94E-15	0,00E+00	-1,02E-13
AP	[kg SO2-eq.]	5,30E-02	0,00E+00	2,96E-04	1,03E-04	0,00E+00	-3,43E-03
EP	[kg PO43--eq.]	1,19E-02	0,00E+00	7,40E-05	1,93E-05	0,00E+00	-6,29E-04
POCP	[kg ethene-eq.]	3,23E-02	0,00E+00	-1,09E-04	9,80E-06	0,00E+00	-4,58E-04
ADPE	[kg Sb-eq.]	9,66E+01	0,00E+00	9,42E-01	7,75E-01	0,00E+00	-1,06E+02
ADPF	[MJ]	5,25E-06	0,00E+00	5,65E-09	4,05E-08	0,00E+00	-1,45E-06
Ash Oil (Group 18)							
GWP	[kg CO2-eq.]	-2,01E+01	0,00E+00	6,11E-02	2,69E+01	0,00E+00	-6,61E+00
ODP	[kg CFC11-eq.]	5,74E-08	0,00E+00	1,53E-17	2,60E-15	0,00E+00	-9,05E-14
AP	[kg SO2-eq.]	4,85E-02	0,00E+00	2,63E-04	9,18E-05	0,00E+00	-3,04E-03
EP	[kg PO43--eq.]	1,10E-02	0,00E+00	6,56E-05	1,71E-05	0,00E+00	-5,58E-04
POCP	[kg ethene-eq.]	3,00E-02	0,00E+00	-9,68E-05	8,69E-06	0,00E+00	-4,07E-04
ADPE	[kg Sb-eq.]	9,23E+01	0,00E+00	8,35E-01	6,87E-01	0,00E+00	-9,42E+01
ADPF	[MJ]	5,27E-06	0,00E+00	5,01E-09	3,59E-08	0,00E+00	-1,29E-06
Maple oil (Group 19)							
GWP	[kg CO2-eq.]	-1,03E+01	0,00E+00	3,05E-02	1,35E+01	0,00E+00	-3,31E+00
ODP	[kg CFC11-eq.]	2,88E-08	0,00E+00	7,67E-18	1,30E-15	0,00E+00	-4,53E-14
AP	[kg SO2-eq.]	2,72E-02	0,00E+00	1,31E-04	4,59E-05	0,00E+00	-1,52E-03
EP	[kg PO43--eq.]	6,13E-03	0,00E+00	3,28E-05	8,56E-06	0,00E+00	-2,79E-04
POCP	[kg ethene-eq.]	1,25E-02	0,00E+00	-4,84E-05	4,35E-06	0,00E+00	-2,03E-04
ADPE	[kg Sb-eq.]	4,23E+01	0,00E+00	4,18E-01	3,44E-01	0,00E+00	-4,71E+01
ADPF	[MJ]	2,64E-06	0,00E+00	2,51E-09	1,80E-08	0,00E+00	-6,43E-07
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 USE PER 1m ² floor (14 mm beech and ash Twin hering bone; all surface treatments)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Beech oil (Group 17)							
PERE	[MJ]	1,50E+03	0,00E+00	5,63E-02	1,82E+00	0,00E+00	-6,50E+01
PERM	[MJ]	2,94E+02	0,00E+00	0,00E+00	-2,94E+02	0,00E+00	2,94E+02
PERT	[MJ]	1,06E+02	0,00E+00	9,47E-01	9,88E-01	0,00E+00	-1,13E+02
PENRE	[MJ]	1,06E+02	0,00E+00	9,47E-01	9,88E-01	0,00E+00	-1,13E+02
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	5,38E-02	0,00E+00	-3,89E-10	-1,96E-09	0,00E+00	9,61E-07
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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Ash Oil (Group 18)							
PERE	[MJ]	1,35E+03	0,00E+00	#VALUE!	#VALUE!	0,00E+00	#VALUE!
PERM	[MJ]	2,61E+02	0,00E+00	-3,45E-10	-1,74E-09	0,00E+00	8,52E-07
PERT	[MJ]	1,02E+02	0,00E+00	8,40E-01	8,77E-01	0,00E+00	-1,00E+02
PENRE	[MJ]	1,02E+02	0,00E+00	#VALUE!	#VALUE!	0,00E+00	#VALUE!
PENRM	[MJ]	0,00E+00	0,00E+00	#VALUE!	#VALUE!	0,00E+00	#VALUE!

PENRT	[MJ]	1,02E+02	0,00E+00	8,40E-01	8,77E-01	0,00E+00	-1,00E+02
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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Maple oil (Group 19)							
PERE	[MJ]	5,72E+02	0,00E+00	2,49E-02	8,06E-01	0,00E+00	-2,88E+01
PERM	[MJ]	1,31E+02	0,00E+00	0,00E+00	-1,31E+02	0,00E+00	1,31E+02
PERT	[MJ]	4,66E+01	0,00E+00	4,20E-01	4,38E-01	0,00E+00	-5,01E+01
PENRE	[MJ]	4,66E+01	0,00E+00	4,20E-01	4,38E-01	0,00E+00	-5,01E+01
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	4,66E+01	0,00E+00	4,20E-01	4,38E-01	0,00E+00	-5,01E+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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	<p>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 = Use of net fresh water</p>						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1m² floor (22 mm beech and ash 2-strip parquet and Twin hering bone and maple 2-strip parquet; oil surface treatment)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
Beech oil (Group 17)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	3,13E-01	0,00E+00	7,98E-05	3,76E-03	0,00E+00	6,46E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	2,42E-06	0,00E+00	5,26E-08	1,71E-09	0,00E+00	-7,16E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Ash Oil (Group 18)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	2,98E-01	0,00E+00	7,08E-05	3,33E-03	0,00E+00	5,73E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	2,13E-06	0,00E+00	4,66E-08	1,52E-09	0,00E+00	-6,35E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Maple oil (Group 19)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	1,73E-01	0,00E+00	3,54E-05	1,67E-03	0,00E+00	2,87E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	1,16E-06	0,00E+00	2,33E-08	7,60E-10	0,00E+00	-3,18E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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 Group 20 and 21 (22 mm and 15 mm oak single staves)

ENVIRONMENTAL IMPACTS PER 1m ² floor (22 mm beech and ash 2-strip parquet and Twin hering bone and maple 2-strip parquet; oil surface treatment)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
22 mm (Group 20)							
GWP	[kg CO2-eq.]	-1,26E+01	0,00E+00	3,26E-02	1,44E+01	0,00E+00	-3,54E+00
ODP	[kg CFC11-eq.]	2,83E-14	0,00E+00	8,20E-18	1,39E-15	0,00E+00	-4,84E-14
AP	[kg SO2-eq.]	1,28E-02	0,00E+00	1,40E-04	4,91E-05	0,00E+00	-1,62E-03
EP	[kg PO43--eq.]	2,67E-03	0,00E+00	3,51E-05	9,15E-06	0,00E+00	-2,98E-04
POCP	[kg ethene-eq.]	1,01E-02	0,00E+00	-5,17E-05	4,65E-06	0,00E+00	-2,17E-04
ADPE	[kg Sb-eq.]	2,55E+01	0,00E+00	4,47E-01	3,67E-01	0,00E+00	-5,03E+01
ADPF	[MJ]	6,89E-07	0,00E+00	2,68E-09	1,92E-08	0,00E+00	-6,87E-07
15 mm (Group 21)							
GWP	[kg CO2-eq.]	-9,54E+00	0,00E+00	2,54E-02	1,12E+01	0,00E+00	-2,75E+00
ODP	[kg CFC11-eq.]	2,71E-14	0,00E+00	6,38E-18	1,08E-15	0,00E+00	-3,76E-14
AP	[kg SO2-eq.]	1,20E-02	0,00E+00	1,09E-04	3,82E-05	0,00E+00	-1,26E-03
EP	[kg PO43--eq.]	2,51E-03	0,00E+00	2,73E-05	7,12E-06	0,00E+00	-2,32E-04
POCP	[kg ethene-eq.]	8,98E-03	0,00E+00	-4,02E-05	3,62E-06	0,00E+00	-1,69E-04
ADPE	[kg Sb-eq.]	2,30E+01	0,00E+00	3,47E-01	2,86E-01	0,00E+00	-3,92E+01
ADPF	[MJ]	6,70E-07	0,00E+00	2,08E-09	1,49E-08	0,00E+00	-5,34E-07
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 USE PER 1m ² floor (22 mm beech and ash 2-strip parquet and Twin hering bone and maple 2-strip parquet; oil surface treatment)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
22 mm (Group 20)							
PERE	[MJ]	4,10E+02	0,00E+00	2,67E-02	8,62E-01	0,00E+00	-3,08E+01
PERM	[MJ]	1,40E+02	0,00E+00	0,00E+00	-1,40E+02	0,00E+00	1,40E+02
PERT	[MJ]	2,79E+01	0,00E+00	4,49E-01	4,68E-01	0,00E+00	-5,35E+01
PENRE	[MJ]	2,79E+01	0,00E+00	4,49E-01	4,68E-01	0,00E+00	-5,35E+01
PENRM	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	-4,18E-08	0,00E+00	-1,84E-10	-9,28E-10	0,00E+00	4,55E-07
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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
15 mm (Group 21)							
PERE	[MJ]	3,83E+02	0,00E+00	#VALUE!	#VALUE!	0,00E+00	#VALUE!
PERM	[MJ]	1,09E+02	0,00E+00	-1,43E-10	-7,22E-10	0,00E+00	3,54E-07
PERT	[MJ]	2,53E+01	0,00E+00	3,49E-01	3,65E-01	0,00E+00	-4,17E+01
PENRE	[MJ]	2,53E+01	0,00E+00	#VALUE!	#VALUE!	0,00E+00	#VALUE!
PENRM	[MJ]	0,00E+00	0,00E+00	#VALUE!	#VALUE!	0,00E+00	#VALUE!
PENRT	[MJ]	2,53E+01	0,00E+00	3,49E-01	3,65E-01	0,00E+00	-4,17E+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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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 = Use of net fresh water						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1m ² floor (22 mm beech and ash 2-strip parquet and Twin hering bone and maple 2-strip parquet; oil surface treatment)							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
22 mm (Group 20)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	7,75E-02	0,00E+00	3,78E-05	1,78E-03	0,00E+00	3,06E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	7,42E-07	0,00E+00	2,49E-08	8,12E-10	0,00E+00	-3,40E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
15 mm (Group 21)							
HWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NHWD	[kg]	7,65E-02	0,00E+00	2,94E-05	1,39E-03	0,00E+00	2,38E-02
RWD	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
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]	6,72E-07	0,00E+00	1,94E-08	6,32E-10	0,00E+00	-2,64E-08
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	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


Guangli Du
Third party verifier of MD-19009-EN_rev1


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