

This appendix refers to the EPD MD-22086-DA, 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.

1 KPK

1.1 KPK T2

ENVIRONMENTAL IMPACTS, 2-layer wood, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	9,73E+00	1,56E+00	5,22E+00	1,74E+00	1,30E+00	0,00E+00	4,70E-02	2,04E+01	9,51E-01	-1,52E+01
ODP	[kg CFC11-eq.]	3,00E-07	2,71E-16	4,78E-08	3,03E-16	2,88E-08	0,00E+00	8,15E-18	3,59E-09	1,29E-15	-9,28E-13
AP	[kg SO ₂ -eq.]	1,96E-01	3,87E-03	1,17E-02	3,92E-03	9,71E-04	0,00E+00	1,06E-04	5,67E-03	1,17E-03	-3,53E-02
EP	[kg PO ₄ ³⁻ -eq.]	2,07E-02	8,90E-04	4,08E-03	9,50E-04	2,39E-04	0,00E+00	2,57E-05	1,44E-03	2,06E-04	-4,23E-03
POCP	[kg ethene-eq.]	-8,61E-03	-1,25E-03	1,38E-03	-1,41E-03	1,03E-04	0,00E+00	-3,84E-05	3,51E-04	2,34E-04	1,35E-03
ADPE	[kg Sb-eq.]	4,63E-04	1,21E-07	6,32E-06	1,36E-07	5,57E-08	0,00E+00	3,65E-09	1,69E-07	2,08E-08	-6,47E-05
ADPF	[MJ]	4,41E+02	2,11E+01	1,61E+01	2,36E+01	2,51E+00	0,00E+00	6,34E-01	5,07E+00	3,07E+00	-2,17E+02
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										
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.										

RESOURCE USE, 2-layer wood, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
PERE	[MJ]	3,14E+02	1,17E+00	1,29E+02	1,32E+00	8,22E+00	0,00E+00	3,56E-02	8,01E+01	3,58E-01	-5,89E+01
PERM	[MJ]	1,40E+02	0,00E+00	8,14E+00	0,00E+00	-8,14E+00	0,00E+00	0,00E+00	-7,87E+01	0,00E+00	0,00E+00
PERT	[MJ]	4,54E+02	1,17E+00	1,37E+02	1,32E+00	7,88E-02	0,00E+00	3,56E-02	1,41E+00	3,58E-01	-5,89E+01
PENRE	[MJ]	4,35E+02	2,12E+01	1,91E+01	2,37E+01	2,66E+00	0,00E+00	6,38E-01	3,83E+01	3,15E+00	-2,28E+02
PENRM	[MJ]	3,48E+01	0,00E+00	1,19E-01	0,00E+00	-1,19E-01	0,00E+00	0,00E+00	-3,29E+01	0,00E+00	0,00E+00
PENRT	[MJ]	4,56E+02	2,12E+01	1,92E+01	2,37E+01	2,54E+00	0,00E+00	6,38E-01	5,36E+00	3,15E+00	-2,28E+02
SM	[kg]	1,47E-01	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
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
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
FW	[m ³]	1,49E-01	1,34E-03	5,29E-02	1,51E-03	2,39E-03	0,00E+00	4,07E-05	4,40E-02	6,72E-04	-7,15E-02
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Use of net fresh water										
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.										

WASTE CATEGORIES AND OUTPUT FLOWS, 2-layer wood, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
HWD	[kg]	3,43E-03	1,06E-09	8,27E-09	1,20E-09	8,58E-11	0,00E+00	3,21E-11	3,67E-09	4,36E-10	-1,81E-07
NHWD	[kg]	4,21E+00	3,14E-03	2,07E-01	3,53E-03	5,85E-03	0,00E+00	9,48E-05	1,17E+01	1,13E+01	-1,07E+00
RWD	[kg]	1,00E-02	2,57E-05	1,56E-04	2,87E-05	3,76E-06	0,00E+00	7,72E-07	8,22E-05	2,94E-05	-4,06E-03
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
MFR	[kg]	1,21E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,72E+00	0,00E+00	0,00E+00
MER	[kg]	8,05E-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	0,00E+00
EEE	[MJ]	6,34E-02	0,00E+00	0,00E+00	0,00E+00	1,26E+00	0,00E+00	0,00E+00	2,68E+00	0,00E+00	0,00E+00
EET	[MJ]	1,16E+00	0,00E+00	0,00E+00	0,00E+00	3,87E+00	0,00E+00	0,00E+00	1,07E+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										
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.										

1.2 KPK T3

ENVIRONMENTAL IMPACTS, 3-layer wood, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	1,84E+01	1,98E+00	5,20E+00	2,10E+00	1,30E+00	0,00E+00	5,20E-02	2,04E+01	1,02E+00	-1,63E+01
ODP	[kg CFC11-eq.]	3,58E-07	3,42E-16	4,76E-08	3,67E-16	2,88E-08	0,00E+00	9,01E-18	4,93E-09	1,61E-15	-1,00E-12
AP	[kg SO ₂ -eq.]	2,50E-01	4,79E-03	1,16E-02	4,74E-03	9,71E-04	0,00E+00	1,17E-04	5,68E-03	1,55E-03	-4,12E-02
EP	[kg PO ₄ ³⁻ -eq.]	2,68E-02	1,12E-03	4,06E-03	1,15E-03	2,39E-04	0,00E+00	2,84E-05	1,46E-03	2,52E-04	-5,09E-03
POCP	[kg ethene-eq.]	-1,54E-02	-1,58E-03	1,37E-03	-1,70E-03	1,03E-04	0,00E+00	-4,24E-05	3,54E-04	2,50E-04	2,43E-03
ADPE	[kg Sb-eq.]	4,46E-04	1,53E-07	6,29E-06	1,64E-07	5,57E-08	0,00E+00	4,03E-09	2,14E-07	2,76E-08	-6,47E-05
ADPF	[MJ]	5,58E+02	2,66E+01	1,61E+01	2,85E+01	2,51E+00	0,00E+00	7,00E-01	5,20E+00	4,03E+00	-2,33E+02
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										
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RESOURCE USE, 3-layer wood, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
PERE	[MJ]	3,18E+02	1,49E+00	1,29E+02	1,60E+00	8,22E+00	0,00E+00	3,93E-02	7,97E+01	4,78E-01	-5,93E+01
PERM	[MJ]	1,40E+02	0,00E+00	8,14E+00	0,00E+00	-8,14E+00	0,00E+00	0,00E+00	-7,83E+01	0,00E+00	0,00E+00
PERT	[MJ]	4,58E+02	1,49E+00	1,37E+02	1,60E+00	7,88E-02	0,00E+00	3,93E-02	1,42E+00	4,78E-01	-5,93E+01
PENRE	[MJ]	5,53E+02	2,68E+01	1,91E+01	2,87E+01	2,66E+00	0,00E+00	7,05E-01	3,85E+01	4,14E+00	-2,45E+02
PENRM	[MJ]	4,12E+01	0,00E+00	1,19E-01	0,00E+00	-1,19E-01	0,00E+00	0,00E+00	-3,29E+01	0,00E+00	0,00E+00
PENRT	[MJ]	5,81E+02	2,68E+01	1,92E+01	2,87E+01	2,54E+00	0,00E+00	7,05E-01	5,52E+00	4,14E+00	-2,45E+02
SM	[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
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
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
FW	[m ³]	1,48E-01	1,70E-03	5,27E-02	1,83E-03	2,39E-03	0,00E+00	4,50E-05	4,39E-02	8,86E-04	-7,16E-02
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Use of net fresh water										
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WASTE CATEGORIES AND OUTPUT FLOWS, 3-layer wood, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
HWD	[kg]	3,36E-03	1,34E-09	8,26E-09	1,45E-09	8,58E-11	0,00E+00	3,55E-11	3,66E-09	5,32E-10	-1,84E-07
NHWD	[kg]	4,76E+00	3,97E-03	2,07E-01	4,26E-03	5,85E-03	0,00E+00	1,05E-04	1,59E+01	1,54E+01	-1,19E+00
RWD	[kg]	1,20E-02	3,24E-05	1,56E-04	3,47E-05	3,76E-06	0,00E+00	8,53E-07	8,19E-05	3,82E-05	-4,40E-03
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
MFR	[kg]	1,20E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,46E+00	0,00E+00	0,00E+00
MER	[kg]	8,00E-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	0,00E+00
EEE	[MJ]	6,31E-02	0,00E+00	0,00E+00	0,00E+00	1,26E+00	0,00E+00	0,00E+00	2,68E+00	0,00E+00	0,00E+00
EET	[MJ]	1,15E+00	0,00E+00	0,00E+00	0,00E+00	3,87E+00	0,00E+00	0,00E+00	1,07E+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										
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1.3 KPK TA2

ENVIRONMENTAL IMPACTS, 2-layer wood aluminium, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	3,17E+01	1,73E+00	5,12E+00	1,84E+00	1,30E+00	0,00E+00	5,16E-02	2,05E+01	9,37E-01	-2,63E+01
ODP	[kg CFC11-eq.]	2,94E-07	2,99E-16	4,70E-08	3,21E-16	2,88E-08	0,00E+00	8,94E-18	3,59E-09	1,53E-15	3,08E-12
AP	[kg SO ₂ -eq.]	2,78E-01	4,32E-03	1,15E-02	4,15E-03	9,71E-04	0,00E+00	1,17E-04	5,59E-03	1,18E-03	-8,43E-02
EP	[kg PO ₄ ³⁻ -eq.]	2,63E-02	9,88E-04	4,01E-03	1,01E-03	2,39E-04	0,00E+00	2,82E-05	1,42E-03	2,07E-04	-6,82E-03
POCP	[kg ethene-eq.]	-3,66E-03	-1,37E-03	1,35E-03	-1,49E-03	1,03E-04	0,00E+00	-4,21E-05	3,47E-04	2,30E-04	-1,36E-03
ADPE	[kg Sb-eq.]	6,23E-04	1,33E-07	6,22E-06	1,44E-07	5,57E-08	0,00E+00	4,00E-09	1,69E-07	2,09E-08	-6,73E-05
ADPF	[MJ]	7,01E+02	2,33E+01	1,59E+01	2,50E+01	2,51E+00	0,00E+00	6,95E-01	5,04E+00	3,08E+00	-3,36E+02
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										
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RESOURCE USE, 2-layer wood aluminium, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
PERE	[MJ]	4,19E+02	1,30E+00	1,29E+02	1,40E+00	8,22E+00	0,00E+00	3,90E-02	7,84E+01	3,60E-01	-1,25E+02
PERM	[MJ]	1,37E+02	0,00E+00	8,14E+00	0,00E+00	-8,14E+00	0,00E+00	0,00E+00	-7,70E+01	0,00E+00	0,00E+00
PERT	[MJ]	5,56E+02	1,30E+00	1,37E+02	1,40E+00	7,88E-02	0,00E+00	3,90E-02	1,40E+00	3,60E-01	-1,25E+02
PENRE	[MJ]	7,33E+02	2,34E+01	1,88E+01	2,51E+01	2,66E+00	0,00E+00	7,00E-01	4,51E+01	3,17E+00	-3,70E+02
PENRM	[MJ]	4,21E+01	0,00E+00	1,19E-01	0,00E+00	-1,19E-01	0,00E+00	0,00E+00	-3,98E+01	0,00E+00	0,00E+00
PENRT	[MJ]	7,62E+02	2,34E+01	1,90E+01	2,51E+01	2,54E+00	0,00E+00	7,00E-01	5,34E+00	3,17E+00	-3,70E+02
SM	[kg]	1,47E-01	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
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
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
FW	[m ³]	4,10E-01	1,48E-03	5,22E-02	1,60E-03	2,39E-03	0,00E+00	4,46E-05	4,41E-02	6,75E-04	-2,41E-01
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										
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WASTE CATEGORIES AND OUTPUT FLOWS, 2-layer wood aluminium, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
HWD	[kg]	3,36E-03	1,17E-09	8,24E-09	1,27E-09	8,58E-11	0,00E+00	3,53E-11	3,68E-09	5,01E-10	-2,78E-07
NHWD	[kg]	9,46E+00	3,47E-03	2,06E-01	3,73E-03	5,85E-03	0,00E+00	1,04E-04	1,18E+01	1,14E+01	-4,51E+00
RWD	[kg]	2,69E-02	2,83E-05	1,55E-04	3,04E-05	3,76E-06	0,00E+00	8,47E-07	8,36E-05	2,95E-05	-1,25E-02
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
MFR	[kg]	1,18E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,31E+00	0,00E+00	0,00E+00
MER	[kg]	7,88E-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	0,00E+00
EEE	[MJ]	6,21E-02	0,00E+00	0,00E+00	0,00E+00	1,26E+00	0,00E+00	0,00E+00	3,46E+00	0,00E+00	0,00E+00
EET	[MJ]	1,13E+00	0,00E+00	0,00E+00	0,00E+00	3,87E+00	0,00E+00	0,00E+00	1,31E+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										
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1.4 KPK TA3

ENVIRONMENTAL IMPACTS, 3-layer wood aluminium, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	3,25E+01	2,11E+00	5,12E+00	2,20E+00	1,30E+00	0,00E+00	5,64E-02	2,05E+01	1,01E+00	-2,65E+01
ODP	[kg CFC11-eq.]	7,51E-07	3,66E-16	4,70E-08	3,84E-16	2,88E-08	0,00E+00	9,77E-18	4,93E-09	1,85E-15	2,55E-12
AP	[kg SO ₂ -eq.]	3,02E-01	5,17E-03	1,15E-02	4,96E-03	9,71E-04	0,00E+00	1,27E-04	5,64E-03	1,56E-03	-8,58E-02
EP	[kg PO ₄ ³⁻ -eq.]	3,72E-02	1,20E-03	4,01E-03	1,20E-03	2,39E-04	0,00E+00	3,09E-05	1,44E-03	2,53E-04	-7,45E-03
POCP	[kg ethene-eq.]	-1,24E-02	-1,69E-03	1,35E-03	-1,79E-03	1,03E-04	0,00E+00	-4,60E-05	3,52E-04	2,47E-04	-3,19E-05
ADPE	[kg Sb-eq.]	5,10E-04	1,63E-07	6,22E-06	1,72E-07	5,57E-08	0,00E+00	4,37E-09	2,14E-07	2,77E-08	-6,73E-05
ADPF	[MJ]	7,13E+02	2,85E+01	1,59E+01	2,98E+01	2,51E+00	0,00E+00	7,59E-01	5,19E+00	4,05E+00	-3,42E+02
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										
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.										

RESOURCE USE, 3-layer wood aluminium, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
PERE	[MJ]	4,19E+02	1,59E+00	1,29E+02	1,67E+00	8,22E+00	0,00E+00	4,26E-02	7,85E+01	4,80E-01	-1,20E+02
PERM	[MJ]	1,37E+02	0,00E+00	8,14E+00	0,00E+00	-8,14E+00	0,00E+00	0,00E+00	-7,70E+01	0,00E+00	0,00E+00
PERT	[MJ]	5,56E+02	1,59E+00	1,37E+02	1,67E+00	7,88E-02	0,00E+00	4,26E-02	1,41E+00	4,80E-01	-1,20E+02
PENRE	[MJ]	7,16E+02	2,87E+01	1,88E+01	3,00E+01	2,66E+00	0,00E+00	7,65E-01	4,53E+01	4,16E+00	-3,74E+02
PENRM	[MJ]	4,85E+01	0,00E+00	1,19E-01	0,00E+00	-1,19E-01	0,00E+00	0,00E+00	-3,98E+01	0,00E+00	0,00E+00
PENRT	[MJ]	7,52E+02	2,87E+01	1,90E+01	3,00E+01	2,54E+00	0,00E+00	7,65E-01	5,52E+00	4,16E+00	-3,74E+02
SM	[kg]	4,25E-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	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
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
FW	[m ³]	3,05E-01	1,82E-03	5,22E-02	1,92E-03	2,39E-03	0,00E+00	4,88E-05	4,42E-02	8,88E-04	-2,26E-01
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										
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.										

WASTE CATEGORIES AND OUTPUT FLOWS, 3-layer wood aluminium, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
HWD	[kg]	5,76E-02	1,44E-09	8,24E-09	1,51E-09	8,58E-11	0,00E+00	3,85E-11	3,68E-09	5,97E-10	-2,81E-07
NHWD	[kg]	1,03E+01	4,25E-03	2,06E-01	4,46E-03	5,85E-03	0,00E+00	1,14E-04	1,59E+01	1,55E+01	-4,32E+00
RWD	[kg]	1,80E-02	3,47E-05	1,55E-04	3,63E-05	3,76E-06	0,00E+00	9,25E-07	8,36E-05	3,84E-05	-1,21E-02
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
MFR	[kg]	1,18E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	8,95E+00	0,00E+00	0,00E+00
MER	[kg]	7,88E-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	0,00E+00
EEE	[MJ]	6,21E-02	0,00E+00	0,00E+00	0,00E+00	1,26E+00	0,00E+00	0,00E+00	3,46E+00	0,00E+00	0,00E+00
EET	[MJ]	1,13E+00	0,00E+00	0,00E+00	0,00E+00	3,87E+00	0,00E+00	0,00E+00	1,31E+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										
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.										

Checked and approved by


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