

This appendix refers to the EPD MD-22088-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.

1 Outrup

1.1 Outrup T2

ENVIRONMENTAL IMPACTS, 2-layer wooden front, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	4,77E+00	1,71E+00	1,31E+01	1,87E+00	5,06E+00	0,00E+00	4,72E-02	2,10E+01	9,60E-01	-1,58E+01
ODP	[kg CFC11-eq.]	4,89E-07	2,90E-16	1,58E-07	3,27E-16	2,88E-08	0,00E+00	8,19E-18	3,59E-09	1,22E-15	-7,98E-13
AP	[kg SO ₂ -eq.]	1,97E-01	8,50E-03	3,48E-02	4,22E-03	1,86E-03	0,00E+00	1,07E-04	5,74E-03	1,18E-03	-3,32E-02
EP	[kg PO ₄ ³⁻ -eq.]	2,08E-02	1,40E-03	1,25E-02	1,02E-03	4,65E-04	0,00E+00	2,59E-05	1,46E-03	2,08E-04	-4,23E-03
POCP	[kg ethene-eq.]	-7,52E-03	-9,83E-04	4,40E-03	-1,52E-03	1,58E-04	0,00E+00	-3,85E-05	3,57E-04	2,36E-04	1,42E-03
ADPE	[kg Sb-eq.]	3,87E-04	1,24E-07	1,78E-05	1,46E-07	6,22E-08	0,00E+00	3,66E-09	1,70E-07	2,09E-08	-5,42E-05
ADPF	[MJ]	4,14E+02	2,28E+01	5,33E+01	2,54E+01	3,18E+00	0,00E+00	6,36E-01	5,17E+00	3,08E+00	-2,28E+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 wooden front, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
PERE	[MJ]	-4,55E+01	1,17E+00	2,80E+02	1,42E+00	3,32E+01	0,00E+00	3,57E-02	7,65E+01	3,59E-01	-6,40E+01
PERM	[MJ]	1,42E+02	0,00E+00	3,29E+01	0,00E+00	-3,29E+01	0,00E+00	0,00E+00	-7,51E+01	0,00E+00	0,00E+00
PERT	[MJ]	9,65E+01	1,17E+00	3,13E+02	1,42E+00	2,81E-01	0,00E+00	3,57E-02	1,43E+00	3,59E-01	-6,40E+01
PENRE	[MJ]	4,42E+02	2,29E+01	5,52E+01	2,56E+01	5,62E+00	0,00E+00	6,41E-01	4,43E+01	3,17E+00	-2,39E+02
PENRM	[MJ]	4,34E+01	0,00E+00	2,38E+00	0,00E+00	-2,38E+00	0,00E+00	0,00E+00	-3,88E+01	0,00E+00	0,00E+00
PENRT	[MJ]	4,85E+02	2,29E+01	5,76E+01	2,56E+01	3,24E+00	0,00E+00	6,41E-01	5,47E+00	3,17E+00	-2,39E+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]	1,19E-01	1,34E-03	9,00E-02	1,63E-03	8,99E-03	0,00E+00	4,09E-05	4,51E-02	6,75E-04	-6,43E-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 wooden front, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
HWD	[kg]	4,78E-03	1,07E-09	1,99E-08	1,29E-09	3,50E-10	0,00E+00	3,23E-11	3,70E-09	4,20E-10	-1,62E-07
NHWD	[kg]	3,20E+00	3,31E-03	2,41E-01	3,80E-03	2,42E-02	0,00E+00	9,52E-05	1,18E+01	1,13E+01	-9,45E-01
RWD	[kg]	9,31E-03	2,75E-05	3,83E-04	3,09E-05	1,61E-05	0,00E+00	7,75E-07	8,65E-05	2,96E-05	-4,13E-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]	2,87E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,55E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,06E-01	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,37E+00	0,00E+00	0,00E+00	3,14E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,74E+01	0,00E+00	0,00E+00	1,11E+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 Outrup T3

ENVIRONMENTAL IMPACTS, 3-layer wooden front, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	1,37E+01	2,12E+00	1,31E+01	2,23E+00	5,06E+00	0,00E+00	5,20E-02	2,08E+01	1,02E+00	-1,69E+01
ODP	[kg CFC11-eq.]	5,49E-07	3,62E-16	1,58E-07	3,90E-16	2,88E-08	0,00E+00	9,02E-18	4,94E-09	1,54E-15	-8,25E-13
AP	[kg SO ₂ -eq.]	2,52E-01	9,44E-03	3,48E-02	5,04E-03	1,86E-03	0,00E+00	1,18E-04	5,73E-03	1,55E-03	-3,96E-02
EP	[kg PO ₄ ³⁻ -eq.]	2,69E-02	1,63E-03	1,25E-02	1,22E-03	4,65E-04	0,00E+00	2,85E-05	1,47E-03	2,54E-04	-5,11E-03
POCP	[kg ethene-eq.]	-1,43E-02	-1,32E-03	4,40E-03	-1,81E-03	1,58E-04	0,00E+00	-4,25E-05	3,57E-04	2,51E-04	2,49E-03
ADPE	[kg Sb-eq.]	3,72E-04	1,57E-07	1,78E-05	1,74E-07	6,22E-08	0,00E+00	4,04E-09	2,15E-07	2,77E-08	-5,43E-05
ADPF	[MJ]	5,34E+02	2,84E+01	5,33E+01	3,03E+01	3,18E+00	0,00E+00	7,01E-01	5,27E+00	4,04E+00	-2,44E+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 wooden front, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
PERE	[MJ]	-3,88E+01	1,48E+00	2,80E+02	1,70E+00	3,32E+01	0,00E+00	3,94E-02	7,48E+01	4,79E-01	-6,48E+01
PERM	[MJ]	1,40E+02	0,00E+00	3,29E+01	0,00E+00	-3,29E+01	0,00E+00	0,00E+00	-7,34E+01	0,00E+00	0,00E+00
PERT	[MJ]	1,01E+02	1,48E+00	3,13E+02	1,70E+00	2,81E-01	0,00E+00	3,94E-02	1,43E+00	4,79E-01	-6,48E+01
PENRE	[MJ]	5,62E+02	2,86E+01	5,52E+01	3,05E+01	5,62E+00	0,00E+00	7,06E-01	4,44E+01	4,15E+00	-2,56E+02
PENRM	[MJ]	4,99E+01	0,00E+00	2,38E+00	0,00E+00	-2,38E+00	0,00E+00	0,00E+00	-3,88E+01	0,00E+00	0,00E+00
PENRT	[MJ]	6,12E+02	2,86E+01	5,76E+01	3,05E+01	3,24E+00	0,00E+00	7,06E-01	5,61E+00	4,15E+00	-2,56E+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]	1,20E-01	1,70E-03	9,00E-02	1,94E-03	8,99E-03	0,00E+00	4,50E-05	4,48E-02	8,88E-04	-6,59E-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, 3-layer wooden front, FLOWS PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
HWD	[kg]	4,73E-03	1,35E-09	1,99E-08	1,54E-09	3,50E-10	0,00E+00	3,56E-11	3,66E-09	5,15E-10	-1,65E-07
NHWD	[kg]	3,80E+00	4,15E-03	2,41E-01	4,53E-03	2,42E-02	0,00E+00	1,05E-04	1,59E+01	1,54E+01	-1,10E+00
RWD	[kg]	1,15E-02	3,44E-05	3,83E-04	3,69E-05	1,61E-05	0,00E+00	8,54E-07	8,58E-05	3,84E-05	-4,54E-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]	2,87E-02	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]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,02E-01	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,37E+00	0,00E+00	0,00E+00	3,14E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,74E+01	0,00E+00	0,00E+00	1,11E+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.										

1.3 Outrup TA2

ENVIRONMENTAL IMPACTS, 2-layer Alucap front, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	2,92E+01	1,88E+00	1,31E+01	1,97E+00	5,06E+00	0,00E+00	5,15E-02	2,04E+01	9,35E-01	-2,76E+01
ODP	[kg CFC11-eq.]	4,89E-07	3,20E-16	1,58E-07	3,44E-16	2,88E-08	0,00E+00	8,94E-18	3,59E-09	1,57E-15	3,21E-12
AP	[kg SO ₂ -eq.]	2,89E-01	8,89E-03	3,48E-02	4,44E-03	1,86E-03	0,00E+00	1,16E-04	5,57E-03	1,18E-03	-8,67E-02
EP	[kg PO ₄ ³⁻ -eq.]	2,70E-02	1,50E-03	1,25E-02	1,08E-03	4,65E-04	0,00E+00	2,82E-05	1,42E-03	2,07E-04	-7,02E-03
POCP	[kg ethene-eq.]	-1,86E-03	-1,13E-03	4,40E-03	-1,60E-03	1,58E-04	0,00E+00	-4,21E-05	3,47E-04	2,30E-04	-1,52E-03
ADPE	[kg Sb-eq.]	5,71E-04	1,38E-07	1,78E-05	1,54E-07	6,22E-08	0,00E+00	4,00E-09	1,69E-07	2,09E-08	-5,76E-05
ADPF	[MJ]	6,96E+02	2,51E+01	5,33E+01	2,67E+01	3,18E+00	0,00E+00	6,95E-01	5,04E+00	3,09E+00	-3,54E+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 Alucap front, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
PERE	[MJ]	7,81E+01	1,30E+00	2,80E+02	1,50E+00	3,32E+01	0,00E+00	3,90E-02	7,14E+01	3,61E-01	-1,35E+02
PERM	[MJ]	1,37E+02	0,00E+00	3,29E+01	0,00E+00	-3,29E+01	0,00E+00	0,00E+00	-7,00E+01	0,00E+00	0,00E+00
PERT	[MJ]	2,15E+02	1,30E+00	3,13E+02	1,50E+00	2,81E-01	0,00E+00	3,90E-02	1,40E+00	3,61E-01	-1,35E+02
PENRE	[MJ]	7,72E+02	2,53E+01	5,52E+01	2,69E+01	5,62E+00	0,00E+00	6,99E-01	4,60E+01	3,18E+00	-3,89E+02
PENRM	[MJ]	4,54E+01	0,00E+00	2,38E+00	0,00E+00	-2,38E+00	0,00E+00	0,00E+00	-4,07E+01	0,00E+00	0,00E+00
PENRT	[MJ]	8,17E+02	2,53E+01	5,76E+01	2,69E+01	3,24E+00	0,00E+00	6,99E-01	5,35E+00	3,18E+00	-3,89E+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]	4,13E-01	1,49E-03	9,00E-02	1,72E-03	8,99E-03	0,00E+00	4,46E-05	4,40E-02	6,76E-04	-2,49E-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, 2-layer Alucap front, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
HWD	[kg]	4,78E-03	1,19E-09	1,99E-08	1,35E-09	3,50E-10	0,00E+00	3,52E-11	3,68E-09	5,13E-10	-3,00E-07
NHWD	[kg]	9,15E+00	3,66E-03	2,41E-01	3,99E-03	2,42E-02	0,00E+00	1,04E-04	1,19E+01	1,14E+01	-4,70E+00
RWD	[kg]	2,82E-02	3,04E-05	3,83E-04	3,25E-05	1,61E-05	0,00E+00	8,46E-07	8,53E-05	2,96E-05	-1,33E-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]	2,87E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,29E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,37E+00	0,00E+00	0,00E+00	3,28E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,74E+01	0,00E+00	0,00E+00	1,13E+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.										

1.4 Outrup TA3

ENVIRONMENTAL IMPACTS, 3-layer Alucap front, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	2,98E+01	2,41E+00	1,31E+01	2,45E+00	5,06E+00	0,00E+00	5,82E-02	2,04E+01	1,03E+00	-2,85E+01
ODP	[kg CFC11-eq.]	9,71E-07	4,12E-16	1,58E-07	4,28E-16	2,88E-08	0,00E+00	1,01E-17	5,39E-09	2,00E-15	2,84E-12
AP	[kg SO ₂ -eq.]	3,12E-01	1,01E-02	3,48E-02	5,54E-03	1,86E-03	0,00E+00	1,31E-04	5,63E-03	1,69E-03	-9,19E-02
EP	[kg PO ₄ ³⁻ -eq.]	3,83E-02	1,79E-03	1,25E-02	1,34E-03	4,65E-04	0,00E+00	3,19E-05	1,45E-03	2,69E-04	-8,04E-03
POCP	[kg ethene-eq.]	-1,07E-02	-1,56E-03	4,40E-03	-1,99E-03	1,58E-04	0,00E+00	-4,75E-05	3,52E-04	2,53E-04	7,54E-05
ADPE	[kg Sb-eq.]	4,54E-04	1,79E-07	1,78E-05	1,92E-07	6,22E-08	0,00E+00	4,52E-09	2,30E-07	3,01E-08	-5,77E-05
ADPF	[MJ]	7,05E+02	3,23E+01	5,33E+01	3,33E+01	3,18E+00	0,00E+00	7,84E-01	5,25E+00	4,38E+00	-3,69E+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 Alucap front, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
PERE	[MJ]	7,89E+01	1,70E+00	2,80E+02	1,87E+00	3,32E+01	0,00E+00	4,40E-02	7,14E+01	5,21E-01	-1,32E+02
PERM	[MJ]	1,37E+02	0,00E+00	3,29E+01	0,00E+00	-3,29E+01	0,00E+00	0,00E+00	-7,00E+01	0,00E+00	0,00E+00
PERT	[MJ]	2,16E+02	1,70E+00	3,13E+02	1,87E+00	2,81E-01	0,00E+00	4,40E-02	1,42E+00	5,21E-01	-1,32E+02
PENRE	[MJ]	7,50E+02	3,25E+01	5,52E+01	3,35E+01	5,62E+00	0,00E+00	7,90E-01	4,62E+01	4,50E+00	-4,05E+02
PENRM	[MJ]	5,19E+01	0,00E+00	2,38E+00	0,00E+00	-2,38E+00	0,00E+00	0,00E+00	-4,07E+01	0,00E+00	0,00E+00
PENRT	[MJ]	8,02E+02	3,25E+01	5,76E+01	3,35E+01	3,24E+00	0,00E+00	7,90E-01	5,59E+00	4,50E+00	-4,05E+02
SM	[kg]	4,52E-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]	3,04E-01	1,95E-03	9,00E-02	2,14E-03	8,99E-03	0,00E+00	5,04E-05	4,42E-02	9,62E-04	-2,40E-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 Alucap front, PER M ²											
Parameter	Unit	A1	A2	A3	A4	A5	C1	C2	C3	C4	D
HWD	[kg]	6,24E-02	1,55E-09	1,99E-08	1,69E-09	3,50E-10	0,00E+00	3,98E-11	3,68E-09	6,41E-10	-3,04E-07
NHWD	[kg]	1,01E+01	4,73E-03	2,41E-01	4,98E-03	2,42E-02	0,00E+00	1,17E-04	1,74E+01	1,69E+01	-4,68E+00
RWD	[kg]	1,87E-02	3,91E-05	3,83E-04	4,05E-05	1,61E-05	0,00E+00	9,55E-07	8,53E-05	4,14E-05	-1,33E-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]	2,87E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	9,58E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	5,37E+00	0,00E+00	0,00E+00	3,28E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,74E+01	0,00E+00	0,00E+00	1,13E+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



Ninkie Bendtsen
Third party verifier of MD-22088-EN



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