

This appendix refers to the EPD MD-22042-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.

ENVIRONMENTAL IMPACTS PER M ²									
Parameter	Unit	A1	A2	A3	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	7,39E+01	1,50E+00	1,52E+00	0,00E+00	1,57E-01	7,38E+00	4,66E-01	-1,50E+01
ODP	[kg CFC11-eq.]	3,13E-06	2,59E-16	2,02E-08	0,00E+00	2,72E-17	5,43E-09	2,26E-15	-4,59E-10
AP	[kg SO ₂ -eq.]	3,63E-01	3,38E-03	4,78E-03	0,00E+00	3,54E-04	2,59E-03	2,01E-03	-4,19E-02
EP	[kg PO ₄ ³⁻ -eq.]	7,35E-02	8,19E-04	1,46E-03	0,00E+00	8,60E-05	5,40E-04	6,68E-04	-5,60E-03
POCP	[kg ethene-eq.]	2,76E-02	-1,22E-03	5,66E-04	0,00E+00	-1,28E-04	3,14E-04	1,05E-04	1,66E-03
ADPE	[kg Sb-eq.]	1,56E-03	1,16E-07	1,63E-06	0,00E+00	1,22E-08	5,39E-07	4,12E-08	-4,59E-05
ADPF	[MJ]	1,12E+03	2,02E+01	3,20E+01	0,00E+00	2,11E+00	1,81E+01	6,57E+00	-2,60E+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 PER M ²									
Parameter	Unit	A1	A2	A3	C1	C2	C3	C4	D
PERE	[MJ]	1,50E+02	1,13E+00	4,68E+01	0,00E+00	1,19E-01	8,44E+00	6,90E-01	-3,38E+01
PERM	[MJ]	0,00E+00	0,00E+00	1,23E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	1,50E+02	1,13E+00	5,91E+01	0,00E+00	1,19E-01	8,44E+00	6,90E-01	-3,38E+01
PENRE	[MJ]	1,09E+03	2,03E+01	3,60E+01	0,00E+00	2,13E+00	7,03E+01	6,77E+00	-2,73E+02
PENRM	[MJ]	1,56E+02	0,00E+00	8,91E-01	0,00E+00	0,00E+00	-4,82E+01	0,00E+00	0,00E+00
PENRT	[MJ]	1,25E+03	2,03E+01	3,69E+01	0,00E+00	2,13E+00	2,20E+01	6,77E+00	-2,73E+02
SM	[kg]	8,05E-03	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
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
FW	[m ³]	4,86E-01	1,30E-03	2,11E-02	0,00E+00	1,36E-04	2,37E-02	9,13E-04	-5,85E-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 PER M ²									
Parameter	Unit	A1	A2	A3	C1	C2	C3	C4	D
HWD	[kg]	8,62E-06	1,02E-09	4,58E-08	0,00E+00	1,07E-10	6,13E-09	1,03E-09	-2,87E-06
NHWD	[kg]	1,31E+00	3,02E-03	1,47E-01	0,00E+00	3,17E-04	2,33E+01	1,98E+01	-9,49E-01
RWD	[kg]	2,27E-02	2,46E-05	1,80E-03	0,00E+00	2,58E-06	1,46E-03	6,65E-05	-4,74E-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
MFR	[kg]	0,00E+00	0,00E+00	2,51E-01	0,00E+00	0,00E+00	1,09E+01	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
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,93E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,03E+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								
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Checked and approved by



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