

This appendix refers to the EPD MD-22040-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 <sup>2</sup>									
Parameter	Unit	A1	A2	A3	C1	C2	C3	C4	D
GWP	[kg CO <sub>2</sub> -eq.]	6,82E+01	1,22E+00	1,05E+01	0,00E+00	5,64E-02	1,87E+01	8,70E-01	-2,87E+01
ODP	[kg CFC11-eq.]	3,13E-06	2,11E-16	1,03E-07	0,00E+00	9,78E-18	5,35E-09	1,88E-15	-2,04E-12
AP	[kg SO <sub>2</sub> -eq.]	4,37E-01	2,88E-03	2,59E-02	0,00E+00	1,28E-04	4,75E-03	1,66E-03	-9,67E-02
EP	[kg PO <sub>4</sub> <sup>3-</sup> -eq.]	7,61E-02	6,80E-04	7,56E-03	0,00E+00	3,09E-05	1,21E-03	2,65E-04	-8,26E-03
POCP	[kg ethene-eq.]	2,95E-02	-9,81E-04	2,98E-03	0,00E+00	-4,60E-05	3,17E-04	2,13E-04	-4,40E-04
ADPE	[kg Sb-eq.]	2,10E-03	9,43E-08	8,47E-06	0,00E+00	4,37E-09	2,44E-07	2,98E-08	-5,85E-06
ADPF	[MJ]	1,14E+03	1,64E+01	8,36E+01	0,00E+00	7,60E-01	5,90E+00	4,33E+00	-3,56E+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 <sup>2</sup> or 195, while 1,12E-11 is the same as 1,12*10 <sup>-11</sup> or 0,0000000000112.								

RESOURCE USE PER M <sup>2</sup>									
Parameter	Unit	A1	A2	A3	C1	C2	C3	C4	D
PERE	[MJ]	2,63E+02	9,17E-01	1,06E+02	0,00E+00	4,26E-02	7,13E+01	5,17E-01	-1,30E+02
PERM	[MJ]	1,07E+02	0,00E+00	3,39E+01	0,00E+00	0,00E+00	-6,98E+01	0,00E+00	0,00E+00
PERT	[MJ]	3,70E+02	9,17E-01	1,39E+02	0,00E+00	4,26E-02	1,59E+00	5,17E-01	-1,30E+02
PENRE	[MJ]	1,23E+03	1,65E+01	8,98E+01	0,00E+00	7,65E-01	6,34E+01	4,45E+00	-3,95E+02
PENRM	[MJ]	6,09E+01	0,00E+00	4,76E+00	0,00E+00	0,00E+00	-5,70E+01	0,00E+00	0,00E+00
PENRT	[MJ]	1,29E+03	1,65E+01	9,44E+01	0,00E+00	7,65E-01	6,38E+00	4,45E+00	-3,95E+02
SM	[kg]	8,77E-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 <sup>3</sup> ]	7,52E-01	1,05E-03	8,70E-02	0,00E+00	4,88E-05	4,20E-02	9,38E-04	-2,38E-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 <sup>2</sup> or 195, while 1,12E-11 is the same as 1,12*10 <sup>-11</sup> or 0,0000000000112.								

WASTE CATEGORIES AND OUTPUT FLOWS PER M <sup>2</sup>									
Parameter	Unit	A1	A2	A3	C1	C2	C3	C4	D
HWD	[kg]	2,71E-03	8,30E-10	6,47E-08	0,00E+00	3,86E-11	3,24E-09	7,49E-10	-2,54E-07
NHWD	[kg]	8,30E+00	2,45E-03	3,55E-01	0,00E+00	1,14E-04	1,77E+01	1,68E+01	-5,09E+00
RWD	[kg]	2,95E-02	2,00E-05	3,49E-03	0,00E+00	9,26E-07	1,39E-04	4,09E-05	-1,43E-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
MFR	[kg]	4,83E-02	0,00E+00	1,47E+00	0,00E+00	0,00E+00	1,01E+01	0,00E+00	0,00E+00
MER	[kg]	2,56E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	1,89E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,10E+01	0,00E+00	0,00E+00
EET	[MJ]	3,65E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,97E+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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