

This appendix refers to the EPD MD-23016-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-A3	A4	A5	C1	C2	C3	C4	D
GWP	[kg CO <sub>2</sub> -eq.]	5,71E+01	4,75E-01	1,57E+01	0,00E+00	6,52E-02	2,48E+01	2,24E+00	-2,93E+01
ODP	[kg CFC11-eq.]	1,44E-06	8,23E-17	2,42E-15	0,00E+00	1,13E-17	5,33E-09	1,43E-15	-4,11E-12
AP	[kg SO <sub>2</sub> -eq.]	3,29E-01	1,07E-03	4,18E-03	0,00E+00	1,47E-04	7,15E-03	1,71E-03	-7,39E-02
EP	[kg PO <sub>4</sub> <sup>3-</sup> -eq.]	2,12E-02	2,60E-04	1,05E-03	0,00E+00	3,57E-05	1,83E-03	2,86E-04	-7,62E-03
POCP	[kg ethene-eq.]	9,07E-02	-3,87E-04	2,54E-04	0,00E+00	-5,32E-05	4,45E-04	3,06E-04	6,45E-04
ADPE	[kg Sb-eq.]	2,86E-04	3,68E-08	3,16E-08	0,00E+00	5,05E-09	2,46E-07	3,01E-08	-3,13E-05
ADPF	[MJ]	1,24E+03	6,43E+00	3,39E+00	0,00E+00	8,83E-01	7,19E+00	4,57E+00	-4,28E+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 <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-A3	A4	A5	C1	C2	C3	C4	D
PERE	[MJ]	1,11E+03	3,59E-01	1,22E+02	0,00E+00	4,93E-02	1,95E+02	1,07E+01	-1,33E+02
PERM	[MJ]	3,24E+02	0,00E+00	-1,21E+02	0,00E+00	0,00E+00	-1,93E+02	-1,02E+01	0,00E+00
PERT	[MJ]	1,43E+03	3,59E-01	1,01E+00	0,00E+00	4,93E-02	2,09E+00	5,24E-01	-1,33E+02
PENRE	[MJ]	1,21E+03	6,44E+00	6,70E+00	0,00E+00	8,84E-01	1,72E+01	4,57E+00	-4,29E+02
PENRM	[MJ]	3,55E+01	0,00E+00	-3,31E+00	0,00E+00	0,00E+00	-1,00E+01	0,00E+00	0,00E+00
PENRT	[MJ]	1,24E+03	6,44E+00	3,39E+00	0,00E+00	8,84E-01	7,19E+00	4,57E+00	-4,29E+02
SM	[kg]	3,78E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	2,86E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	2,97E-03	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> ]	8,48E+00	4,11E-04	3,13E-02	0,00E+00	5,64E-05	5,41E-02	9,80E-04	-1,68E-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-A3	A4	A5	C1	C2	C3	C4	D
HWD	[kg]	1,18E-01	3,24E-10	1,29E-09	0,00E+00	4,46E-11	4,87E-09	4,93E-10	-4,77E-07
NHWD	[kg]	1,46E+01	9,56E-04	1,08E-01	0,00E+00	1,31E-04	1,68E+01	1,73E+01	-3,30E+00
RWD	[kg]	4,65E-02	7,79E-06	5,92E-05	0,00E+00	1,07E-06	1,19E-04	4,23E-05	-1,12E-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]	6,38E-03	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
EEE	[MJ]	0,00E+00	0,00E+00	1,86E+01	0,00E+00	0,00E+00	3,10E+01	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	5,92E+01	0,00E+00	0,00E+00	1,30E+02	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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