



This appendix refers to the EPD MD-22057-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-A3	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	3,64E-01	0,00E+00	2,96E-03	9,92E-02	0,00E+00	-5,13E-02
ODP	[kg CFC11-eq.]	8,44E-09	0,00E+00	5,28E-11	2,71E-10	0,00E+00	-3,65E-09
AP	[kg SO ₂ -eq.]	1,64E-03	0,00E+00	5,28E-06	4,21E-05	0,00E+00	-2,88E-05
EP	[kg PO ₄ ³⁻ -eq.]	5,25E-04	0,00E+00	1,32E-06	5,74E-05	0,00E+00	-8,24E-06
POCP	[kg ethene-eq.]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADPE	[kg Sb-eq.]	5,18E-06	0,00E+00	9,67E-09	1,22E-08	0,00E+00	-3,18E-08
ADPF	[MJ]	7,83E+00	0,00E+00	4,18E-02	6,75E-02	0,00E+00	-9,75E-01
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						

RESOURCE USE PER m ²							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
PERE	[MJ]	3,86E-01	0,00E+00	6,61E-04	2,13E-03	0,00E+00	-3,28E-03
PERM	[MJ]	9,50E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	1,34E+00	0,00E+00	6,61E-04	2,13E-03	0,00E+00	-3,28E-03
PENRE	[MJ]	7,40E+00	0,00E+00	4,20E-02	6,23E-02	0,00E+00	-8,67E-01
PENRM	[MJ]	1,17E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	8,57E+00	0,00E+00	4,20E-02	6,23E-02	0,00E+00	-8,67E-01
SM	[kg]	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
NRSF	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	4,41E-03	0,00E+00	6,05E-06	2,13E-04	0,00E+00	-9,66E-05
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						

WASTE CATEGORIES AND OUTPUT FLOWS PER m ²							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
HWD	[kg]	2,17E-05	0,00E+00	2,67E-07	3,83E-07	0,00E+00	-3,39E-06
NHWD	[kg]	6,95E-02	0,00E+00	2,09E-03	1,05E-02	0,00E+00	-7,09E-04
RWD	[kg]	8,63E-06	0,00E+00	1,38E-08	3,80E-08	0,00E+00	-1,99E-08
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	3,14E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	1,90E-01	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	2,64E-01	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	5,42E-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						

Checked and approved by

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