



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.]	-3,12E-01	0,00E+00	1,16E-02	2,40E+00	0,00E+00	-2,00E-01
ODP	[kg CFC11-eq.]	2,03E-07	0,00E+00	2,15E-09	7,91E-10	0,00E+00	-6,86E-09
AP	[kg SO ₂ -eq.]	1,89E-02	0,00E+00	2,73E-05	9,90E-05	0,00E+00	-3,80E-04
EP	[kg PO ₄ ³⁻ -eq.]	1,30E-02	0,00E+00	5,73E-06	1,14E-04	0,00E+00	-3,32E-04
POCP	[kg ethene-eq.]	1,18E-03	0,00E+00	1,38E-06	3,25E-06	0,00E+00	-2,10E-05
ADPE	[kg Sb-eq.]	1,39E-05	0,00E+00	4,16E-08	3,26E-08	0,00E+00	-5,80E-07
ADPF	[MJ]	1,73E+01	0,00E+00	1,74E-01	1,11E-01	0,00E+00	-2,65E+00
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]	4,59E+01	0,00E+00	2,55E-03	2,78E-03	0,00E+00	-1,41E+00
PERM	[MJ]	3,52E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	8,11E+01	0,00E+00	2,55E-03	2,78E-03	0,00E+00	-1,41E+00
PENRE	[MJ]	1,88E+01	0,00E+00	1,78E-01	1,13E-01	0,00E+00	-3,09E+00
PENRM	[MJ]	1,42E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,90E+01	0,00E+00	1,78E-01	1,13E-01	0,00E+00	-3,09E+00
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]	1,61E-02	0,00E+00	2,01E-05	-1,79E-04	0,00E+00	-4,65E-03
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]	8,01E-05	0,00E+00	4,64E-07	2,60E-07	0,00E+00	-2,43E-06
NHWD	[kg]	2,48E-01	0,00E+00	9,30E-03	1,00E-02	0,00E+00	-1,14E-02
RWD	[kg]	6,68E-05	0,00E+00	1,20E-06	2,08E-07	0,00E+00	-7,61E-06
CRU	[kg]	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	0,00E+00	0,00E+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
EEE	[MJ]	3,85E-03	0,00E+00	0,00E+00	1,50E+00	0,00E+00	0,00E+00
EET	[MJ]	7,49E-03	0,00E+00	0,00E+00	3,00E+00	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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