

This appendix refers to the EPD MD-22077-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 ³							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	-7,52E+02	0,00E+00	3,06E+00	8,67E+02	0,00E+00	-4,37E+02
ODP	[kg CFC11-eq.]	7,55E-06	0,00E+00	2,19E-13	9,04E-11	0,00E+00	-1,94E-09
AP	[kg SO ₂ -eq.]	7,93E-01	0,00E+00	6,91E-03	1,13E-01	0,00E+00	-2,45E-01
EP	[kg PO ₄ ³⁻ -eq.]	1,32E-01	0,00E+00	1,68E-03	2,19E-02	0,00E+00	-5,09E-02
POCP	[kg ethene-eq.]	2,86E-01	0,00E+00	-2,49E-03	7,40E-03	0,00E+00	-3,06E-02
ADPE	[kg Sb-eq.]	4,32E-04	0,00E+00	2,60E-07	2,38E-06	0,00E+00	-5,12E-05
ADPF	[MJ]	1,63E+03	0,00E+00	4,11E+01	1,77E+02	0,00E+00	-6,66E+03
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 ³							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
PERE	[MJ]	5,47E+03	0,00E+00	2,36E+00	8,19E+01	0,00E+00	-2,39E+03
PERM	[MJ]	8,77E+03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	1,42E+04	0,00E+00	2,36E+00	8,19E+01	0,00E+00	-2,39E+03
PENRE	[MJ]	1,65E+03	0,00E+00	4,15E+01	1,89E+02	0,00E+00	-6,90E+03
PENRM	[MJ]	2,91E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,68E+03	0,00E+00	4,15E+01	1,89E+02	0,00E+00	-6,90E+03
SM	[kg]	2,66E-01	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]	9,59E-01	0,00E+00	2,66E-03	2,20E+00	0,00E+00	-8,52E-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 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 ³							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
HWD	[kg]	5,76E-02	0,00E+00	1,99E-10	1,77E-08	0,00E+00	-6,93E-07
NHWD	[kg]	9,35E+00	0,00E+00	5,95E-03	1,24E+01	0,00E+00	-4,74E+00
RWD	[kg]	5,60E-03	0,00E+00	5,12E-05	4,24E-03	0,00E+00	-9,43E-02
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	1,99E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	[kg]	9,84E-01	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	1,28E+03	0,00E+00	0,00E+00
EET	[MJ]	1,13E+01	0,00E+00	0,00E+00	5,64E+03	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						
	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.						

Checked and approved by



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Third party verifier of MD-22077-EN



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