

This appendix refers to the EPD MD-24194-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 m2 Graphic 1100 LF													
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3/1	C4/2	D/1	D/2
GWP	kg CO ₂ -eq.	1,38E+01	2,05E-01	9,05E-01	0	1,01E-01	0	0	8,22E-03	3,10E+00	2,38E+00	-1,09E+00	-7,46E-02
ODP	kg CFC11-eq.	1,69E-09	3,61E-14	2,30E-10	0	2,44E-12	0	0	1,44E-15	6,04E-09	3,30E-13	-9,86E-12	-7,65E-13
AP	kg SO ₂ -eq.	3,68E-02	2,21E-04	1,89E-03	0	1,79E-04	0	0	8,83E-06	1,87E-03	5,64E-04	-1,61E-03	-1,04E-04
EP	kg PO ₄ ³⁻ -eq.	9,98E-03	5,12E-05	5,11E-04	0	3,43E-05	0	0	2,05E-06	4,20E-04	3,49E-03	-2,91E-04	-1,84E-05
POCP	kg ethene-eq.	3,13E-03	-5,22E-06	1,60E-04	0	2,79E-05	0	0	-2,09E-07	1,09E-04	5,91E-04	-1,87E-04	-1,18E-05
ADPE	kg Sb-eq.	2,17E-06	1,81E-08	8,45E-08	0	3,57E-08	0	0	7,23E-10	-1,03E-06	6,12E-09	-1,15E-07	-8,19E-09
ADPF	MJ	1,98E+02	2,69E+00	9,97E+00	0	1,38E+00	0	0	1,08E-01	1,28E+00	2,01E+00	-1,25E+01	-8,00E-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												
	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 0,000000000112.												

RESOURCE USE PER m2 Graphic 1100 LF													
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3/1	C4/2	D/1	D/2
PERE	[MJ]	1,55E+02	2,36E-01	7,78E+00	0	1,47E+00	0	0	9,45E-03	8,73E+00	2,18E-01	-1,20E+01	-1,61E+00
PERM	[MJ]	8,73E+00	0,00E+00	4,37E-01	0	0,00E+00	0	0	0,00E+00	8,73E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	1,64E+02	2,36E-01	8,22E+00	0	1,47E+00	0	0	9,45E-03	1,59E-03	2,18E-01	-1,20E+01	-1,61E+00
PENRE	[MJ]	1,66E+02	2,74E+00	8,42E+00	0	2,28E+00	0	0	1,10E-01	5,15E+01	2,14E+00	-1,64E+01	-2,20E+00
PENRM	[MJ]	5,00E+01	0,00E+00	2,50E+00	0	0,00E+00	0	0	0,00E+00	5,00E+01	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,16E+02	2,74E+00	1,09E+01	0	2,28E+00	0	0	1,10E-01	1,49E+00	2,14E+00	-1,64E+01	-2,20E+00
SM	[kg]	0,00E+00	0,00E+00	0,00E+00	0	0,00E+00	0	0	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	0,00E+00	0	0	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	0,00E+00	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	2,44E-01	2,63E-04	1,27E-02	0	1,20E-03	0	0	1,05E-05	8,69E-03	3,32E-04	-6,54E-03	-9,25E-04
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 = Net use of fresh water												

WASTE CATEGORIES AND OUTPUT FLOWS PER m2 Graphic 1100 LF													
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3/1	C4/2	D/1	D/2
HWD	[kg]	1,36E-05	1,05E-10	6,78E-07	0	7,12E-06	0	0	4,20E-12	0,00E+00	3,74E-10	-1,12E-08	-1,74E-09
NHWD	[kg]	3,86E-01	4,48E-04	3,19E-02	0	1,99E-03	0	0	1,79E-05	0,00E+00	1,51E+00	-4,01E-02	-4,87E-03
RWD	[kg]	5,49E-03	5,00E-06	2,78E-04	0	3,09E-04	0	0	2,00E-07	7,33E-05	2,62E-05	-1,24E-03	-1,92E-04
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0	0,00E+00	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	1,84E-02	0,00E+00	9,22E-04	0	0,00E+00	0	0	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	0,00E+00	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	1,14E-01	0,00E+00	3,47E-01	0	0,00E+00	0	0	0,00E+00	3,71E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	1,39E-01	0,00E+00	7,23E-01	0	0,00E+00	0	0	0,00E+00	1,10E+01	0,00E+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; EE = Exported energy												

ENVIRONMENTAL IMPACTS PER m2 Graphic 1300 LF													
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3/1	C4/2	D/1	D/2
GWP	kg CO ₂ -eq.	1,51E+01	2,24E-01	9,70E-01	0	1,01E-01	0	0	8,97E-03	3,39E+00	2,60E+00	-1,19E+00	-7,46E-02
ODP	kg CFC11-eq.	1,70E-09	3,94E-14	2,30E-10	0	2,44E-12	0	0	1,58E-15	6,59E-09	3,60E-13	-1,06E-11	-7,65E-13
AP	kg SO ₂ -eq.	4,11E-02	2,41E-04	2,11E-03	0	1,79E-04	0	0	9,63E-06	2,04E-03	6,16E-04	-1,74E-03	-1,04E-04
EP	kg PO ₄ ³⁻ -eq.	1,12E-02	5,59E-05	5,73E-04	0	3,43E-05	0	0	2,24E-06	4,58E-04	3,80E-03	-3,14E-04	-1,84E-05
POCP	kg ethene-eq.	3,37E-03	-5,70E-06	1,72E-04	0	2,79E-05	0	0	-2,28E-07	1,19E-04	6,45E-04	-2,02E-04	-1,18E-05
ADPE	kg Sb-eq.	2,35E-06	1,97E-08	9,31E-08	0	3,57E-08	0	0	7,89E-10	-1,12E-06	6,67E-09	-1,24E-07	-8,19E-09
ADPF	MJ	2,11E+02	2,94E+00	1,06E+01	0	1,38E+00	0	0	1,18E-01	1,40E+00	2,19E+00	-1,34E+01	-8,00E-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												
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RESOURCE USE PER m2 Graphic 1300 LF													
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3/1	C4/2	D/1	D/2
PERE	[MJ]	1,72E+02	2,58E-01	8,63E+00	0	1,47E+00	0	0	1,03E-02	9,58E+00	2,38E-01	-1,30E+01	-1,61E+00
PERM	[MJ]	9,58E+00	0,00E+00	4,79E-01	0	0,00E+00	0	0	0,00E+00	9,58E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	1,82E+02	2,58E-01	9,11E+00	0	1,47E+00	0	0	1,03E-02	1,74E-03	2,38E-01	-1,30E+01	-1,61E+00
PENRE	[MJ]	1,79E+02	2,99E+00	9,06E+00	0	2,28E+00	0	0	1,20E-01	5,31E+01	2,33E+00	-1,77E+01	-2,20E+00
PENRM	[MJ]	5,15E+01	0,00E+00	2,58E+00	0	0,00E+00	0	0	0,00E+00	5,15E+01	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,31E+02	2,99E+00	1,16E+01	0	2,28E+00	0	0	1,20E-01	1,62E+00	2,33E+00	-1,77E+01	-2,20E+00
SM	[kg]	0,00E+00	0,00E+00	0,00E+00	0	0,00E+00	0	0	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	0,00E+00	0	0	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	0,00E+00	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	2,75E-01	2,87E-04	1,43E-02	0	1,20E-03	0	0	1,15E-05	9,48E-03	3,62E-04	-7,06E-03	-9,25E-04
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 = Net use of fresh water												

WASTE CATEGORIES AND OUTPUT FLOWS PER m2 Graphic 1300 LF													
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3/1	C4/2	D/1	D/2
HWD	[kg]	1,54E-05	1,15E-10	7,72E-07	0	7,12E-06	0	0	4,59E-12	0,00E+00	4,08E-10	-1,21E-08	-1,74E-09
NHWD	[kg]	4,21E-01	4,89E-04	3,37E-02	0	1,99E-03	0	0	1,96E-05	0,00E+00	1,65E+00	-4,33E-02	-4,87E-03
RWD	[kg]	5,91E-03	5,45E-06	2,99E-04	0	3,09E-04	0	0	2,18E-07	8,00E-05	2,86E-05	-1,33E-03	-1,92E-04
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0	0,00E+00	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	1,84E-02	0,00E+00	9,22E-04	0	0,00E+00	0	0	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	0,00E+00	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	1,14E-01	0,00E+00	3,47E-01	0	0,00E+00	0	0	0,00E+00	4,05E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	1,39E-01	0,00E+00	7,23E-01	0	0,00E+00	0	0	0,00E+00	1,20E+01	0,00E+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; EE = Exported energy												

ENVIRONMENTAL IMPACTS PER m2 Graphic 1500 LF													
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3/1	C4/2	D/1	D/2
GWP	kg CO ₂ -eq.	1,68E+01	2,44E-01	1,05E+00	0	1,01E-01	0	0	9,76E-03	3,68E+00	2,83E+00	-1,28E+00	-7,46E-02
ODP	kg CFC11-eq.	1,71E-09	4,29E-14	2,31E-10	0	2,44E-12	0	0	1,72E-15	7,17E-09	3,92E-13	-1,14E-11	-7,65E-13
AP	kg SO ₂ -eq.	4,66E-02	2,62E-04	2,39E-03	0	1,79E-04	0	0	1,05E-05	2,22E-03	6,70E-04	-1,87E-03	-1,04E-04
EP	kg PO ₄ ³⁻ -eq.	1,28E-02	6,08E-05	6,50E-04	0	3,43E-05	0	0	2,43E-06	4,99E-04	4,14E-03	-3,38E-04	-1,84E-05
POCP	kg ethene-eq.	3,69E-03	-6,20E-06	1,88E-04	0	2,79E-05	0	0	-2,48E-07	1,29E-04	7,01E-04	-2,17E-04	-1,18E-05
ADPE	kg Sb-eq.	2,57E-06	2,15E-08	1,04E-07	0	3,57E-08	0	0	8,58E-10	-1,22E-06	7,26E-09	-1,34E-07	-8,19E-09
ADPF	MJ	2,28E+02	3,20E+00	1,15E+01	0	1,38E+00	0	0	1,28E-01	1,52E+00	2,39E+00	-1,45E+01	-8,00E-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												
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RESOURCE USE PER m2 Graphic 1500 LF													
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3/1	C4/2	D/1	D/2
PERE	[MJ]	1,94E+02	2,81E-01	9,72E+00	0	1,47E+00	0	0	1,12E-02	1,05E+01	2,59E-01	-1,40E+01	-1,61E+00
PERM	[MJ]	1,05E+01	0,00E+00	5,24E-01	0	0,00E+00	0	0	0,00E+00	1,05E+01	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	2,05E+02	2,81E-01	1,02E+01	0	1,47E+00	0	0	1,12E-02	1,89E-03	2,59E-01	-1,40E+01	-1,61E+00
PENRE	[MJ]	1,96E+02	3,26E+00	9,92E+00	0	2,28E+00	0	0	1,30E-01	5,49E+01	2,54E+00	-1,91E+01	-2,20E+00
PENRM	[MJ]	5,31E+01	0,00E+00	2,66E+00	0	0,00E+00	0	0	0,00E+00	5,31E+01	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,49E+02	3,26E+00	1,26E+01	0	2,28E+00	0	0	1,30E-01	1,77E+00	2,54E+00	-1,91E+01	-2,20E+00
SM	[kg]	0,00E+00	0,00E+00	0,00E+00	0	0,00E+00	0	0	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	0,00E+00	0	0	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	0,00E+00	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	3,15E-01	3,13E-04	1,63E-02	0	1,20E-03	0	0	1,25E-05	1,03E-02	3,94E-04	-7,60E-03	-9,25E-04
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 = Net use of fresh water												

WASTE CATEGORIES AND OUTPUT FLOWS PER m2 Graphic 1500 LF													
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3/1	C4/2	D/1	D/2
HWD	[kg]	1,78E-05	1,25E-10	8,92E-07	0	7,12E-06	0	0	4,99E-12	0,00E+00	4,44E-10	-1,30E-08	-1,74E-09
NHWD	[kg]	4,65E-01	5,32E-04	3,59E-02	0	1,99E-03	0	0	2,13E-05	0,00E+00	1,79E+00	-4,67E-02	-4,87E-03
RWD	[kg]	6,45E-03	5,93E-06	3,26E-04	0	3,09E-04	0	0	2,37E-07	8,70E-05	3,11E-05	-1,43E-03	-1,92E-04
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0	0,00E+00	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	1,84E-02	0,00E+00	9,22E-04	0	0,00E+00	0	0	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	0,00E+00	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	1,14E-01	0,00E+00	3,47E-01	0	0,00E+00	0	0	0,00E+00	4,40E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	1,39E-01	0,00E+00	7,23E-01	0	0,00E+00	0	0	0,00E+00	1,31E+01	0,00E+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; EE = Exported energy												

ENVIRONMENTAL IMPACTS PER m2 Graphic 1800 LF													
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3/1	C4/2	D/1	D/2
GWP	kg CO ₂ -eq.	1,91E+01	2,74E-01	1,17E+00	0	1,01E-01	0	0	1,09E-02	4,13E+00	3,17E+00	-1,43E+00	-7,46E-02
ODP	kg CFC11-eq.	1,73E-09	4,81E-14	2,31E-10	0	2,44E-12	0	0	1,92E-15	8,04E-09	4,39E-13	-1,26E-11	-7,65E-13
AP	kg SO ₂ -eq.	5,42E-02	2,94E-04	2,76E-03	0	1,79E-04	0	0	1,18E-05	2,49E-03	7,51E-04	-2,07E-03	-1,04E-04
EP	kg PO ₄ ³⁻ -eq.	1,49E-02	6,82E-05	7,57E-04	0	3,43E-05	0	0	2,73E-06	5,59E-04	4,64E-03	-3,75E-04	-1,84E-05
POCP	kg ethene-eq.	4,12E-03	-6,95E-06	2,10E-04	0	2,79E-05	0	0	-2,78E-07	1,45E-04	7,87E-04	-2,41E-04	-1,18E-05
ADPE	kg Sb-eq.	2,87E-06	2,41E-08	1,19E-07	0	3,57E-08	0	0	9,63E-10	-1,36E-06	8,14E-09	-1,48E-07	-8,19E-09
ADPF	MJ	2,51E+02	3,59E+00	1,26E+01	0	1,38E+00	0	0	1,43E-01	1,70E+00	2,68E+00	-1,61E+01	-8,00E-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												
	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 m2 Graphic 1800 LF													
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3/1	C4/2	D/1	D/2
PERE	[MJ]	2,24E+02	3,15E-01	1,12E+01	0	1,47E+00	0	0	1,26E-02	1,18E+01	2,90E-01	-1,55E+01	-1,61E+00
PERM	[MJ]	1,18E+01	0,00E+00	5,91E-01	0	0,00E+00	0	0	0,00E+00	1,18E+01	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	2,36E+02	3,15E-01	1,18E+01	0	1,47E+00	0	0	1,26E-02	2,12E-03	2,90E-01	-1,55E+01	-1,61E+00
PENRE	[MJ]	2,19E+02	3,65E+00	1,11E+01	0	2,28E+00	0	0	1,46E-01	5,75E+01	2,84E+00	-2,11E+01	-2,20E+00
PENRM	[MJ]	5,55E+01	0,00E+00	2,78E+00	0	0,00E+00	0	0	0,00E+00	5,55E+01	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,75E+02	3,65E+00	1,38E+01	0	2,28E+00	0	0	1,46E-01	1,98E+00	2,84E+00	-2,11E+01	-2,20E+00
SM	[kg]	0,00E+00	0,00E+00	0,00E+00	0	0,00E+00	0	0	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	0,00E+00	0	0	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	0,00E+00	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	3,69E-01	3,51E-04	1,90E-02	0	1,20E-03	0	0	1,40E-05	1,16E-02	4,42E-04	-8,40E-03	-9,25E-04
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 = Net use of fresh water												

WASTE CATEGORIES AND OUTPUT FLOWS PER m2 Graphic 1800 LF													
Parameter	Unit	A1-A3	A4	A5	B1	B2	B3-B7	C1	C2	C3/1	C4/2	D/1	D/2
HWD	[kg]	2,11E-05	1,40E-10	1,06E-06	0	7,12E-06	0	0	5,59E-12	0,00E+00	4,98E-10	-1,44E-08	-1,74E-09
NHWD	[kg]	5,25E-01	5,96E-04	3,89E-02	0	1,99E-03	0	0	2,39E-05	0,00E+00	2,01E+00	-5,17E-02	-4,87E-03
RWD	[kg]	7,18E-03	6,65E-06	3,63E-04	0	3,09E-04	0	0	2,66E-07	9,76E-05	3,49E-05	-1,58E-03	-1,92E-04
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0	0,00E+00	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	1,84E-02	0,00E+00	9,22E-04	0	0,00E+00	0	0	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	0,00E+00	0	0	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	1,14E-01	0,00E+00	3,47E-01	0	0,00E+00	0	0	0,00E+00	4,94E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	1,39E-01	0,00E+00	7,23E-01	0	0,00E+00	0	0	0,00E+00	1,47E+01	0,00E+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; EE = Exported energy												

Checked and approved by

[Mirko Miseljic]

Third party verifier of MD-24194-EN

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