

This appendix refers to the EPD MD-24120-EN, developed according to EN15804+A2:2019. Results in the appendix communicates LCA results in the format described in EN15804+A1:2013, 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 UNIPANEL												
Parameter	Enhed	A1	A2	A3	A4	A5	B1-B7	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	9,98E+00	1,25E+00	1,09E+00	4,71E-01	8,23E-01	0,00E+00	1,16E-03	1,68E-01	9,43E-02	0,00E+00	-2,02E+00
ODP	[kg CFC11-eq.]	8,85E-07	2,27E-08	1,51E-08	8,72E-08	4,81E-08	0,00E+00	2,71E-11	3,10E-08	1,12E-08	0,00E+00	-7,07E-08
AP	[kg SO ₂ -eq.]	5,51E-02	2,30E-03	3,32E-03	1,13E-03	1,48E-03	0,00E+00	3,97E-06	4,01E-04	2,18E-03	0,00E+00	-4,37E-03
EP	[kg PO ₄ ³⁻ -eq.]	2,01E-02	5,56E-04	1,70E-03	2,27E-04	7,60E-04	0,00E+00	3,26E-06	8,07E-05	3,05E-03	0,00E+00	-3,60E-03
POCP	[kg ethene-eq.]	4,39E-03	1,86E-04	4,51E-04	5,58E-05	1,47E-04	0,00E+00	1,64E-07	1,99E-05	2,52E-05	0,00E+00	-2,14E-04
ADPE	[kg Sb-eq.]	9,51E-05	3,95E-06	1,82E-06	1,62E-06	5,05E-06	0,00E+00	1,54E-08	5,76E-07	4,01E-07	0,00E+00	-5,78E-06
ADPF	[MJ]	6,82E+01	1,65E+01	1,72E+01	5,50E-01	1,88E-01	0,00E+00	1,44E-02	1,96E-01	3,41E-01	0,00E+00	-1,48E+01
Caption	GWP = Global opvarmning; ODP = Nedbrydning af ozonlaget; AP = Forsuring af fjord og vand; EP = Eutrofiering; POCP = Fotokemisk ozondannelse; ADPE = Udtynding af abiotiske ikke-fossile ressourcer; ADPF = Udtynding af abiotiske fossile ressourcer											

RESOURCE USE PER M ² UNIPANEL												
Parameter	Enhed	A1	A2	A3	A4	A5	B1-B7	C1	C2	C3	C4	D
PERE	[MJ]	1,02E+01	2,50E-01	4,77E-01	7,75E-02	2,26E-02	0,00E+00	1,00E-02	2,76E-02	3,57E-02	0,00E+00	-9,36E+00
PERM	[MJ]	7,28E+01	0,00E+00	-9,67E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	8,30E+01	2,50E-01	4,67E-01	7,75E-02	2,26E-02	0,00E+00	1,00E-02	2,76E-02	3,57E-02	0,00E+00	-9,36E+00
PENRE	[MJ]	8,46E+01	1,69E+01	2,14E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRM	[MJ]	1,33E+02	0,00E+00	-5,60E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,18E+02	1,69E+01	2,08E+01	7,02E-01	2,54E-01	0,00E+00	1,87E-02	2,50E-01	3,85E-01	0,00E+00	-1,94E+01
SM	[kg]	4,74E+00	2,00E-02	1,47E-02	7,39E-03	5,28E-03	0,00E+00	4,88E-04	2,63E-03	2,02E-02	0,00E+00	-6,47E-01
RSF	[MJ]	3,00E-01	0,00E+00	-4,93E-05	2,20E-03	5,12E-04	0,00E+00	2,80E-04	7,84E-04	6,87E-04	0,00E+00	-2,85E-01
NRSF	[MJ]	5,01E-01	1,48E-03	8,90E-03	8,94E-03	8,64E-04	0,00E+00	4,84E-05	3,18E-03	1,20E-03	0,00E+00	-5,68E-02
FW	[m ³]	3,24E+01	1,13E+00	1,53E+00	4,21E-01	1,10E-01	0,00E+00	1,02E-02	1,50E-01	2,48E-01	0,00E+00	-1,04E+01
Caption	PERE = Forbrug af vedvarende primær energi; PERM = Forbrug af vedvarende primære energiresourcer anvendt som råmaterialer; PERT = Samlet forbrug af vedvarende primære energiresourcer; PENRE = Forbrug af ikke-vedvarende primær energi; PENRM = Forbrug af ikke-vedvarende primære energiresourcer anvendt som råmaterialer; PENRT = Samlet forbrug af ikke-vedvarende primære energiresourcer; SM = Forbrug af sekundært materiale; RSF = Forbrug af vedvarende sekundært brændsel; NRSF = Forbrug af ikke-vedvarende sekundært brændsel; FW = Nettoforbrug af ferskvand											

WASTE CATEGORIES AND OUTPUT FLOWS PER M ² UNIPANEL												
Parameter	Enhed	A1	A2	A3	A4	A5	B1-B7	C1	C2	C3	C4	D
HWD	[kg]	1,85E+01	0,00E+00	-9,43E-02	1,62E-01	4,03E-01	0,00E+00	4,63E-03	5,76E-02	1,05E-01	0,00E+00	-4,55E+00
NHWD	[kg]	1,62E+00	0,00E+00	-1,56E-03	3,74E-01	1,12E+00	0,00E+00	1,05E-04	1,33E-01	1,04E+01	0,00E+00	-1,33E-01
RWD	[kg]	9,66E-03	0,00E+00	-1,17E-04	1,45E-04	1,84E-04	0,00E+00	2,68E-06	5,15E-05	2,90E-05	0,00E+00	-2,85E-03
CRU	[kg]	6,18E-01	1,81E-02	1,38E-02	6,14E-03	3,44E-02	0,00E+00	4,65E-04	2,19E-03	4,26E-03	0,00E+00	-4,88E-01
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	1,69E-03	7,95E-04	0,00E+00	3,13E-06	6,02E-04	2,86E-03	0,00E+00	-3,57E-03
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	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	HWD = Bortskaffet farligt affald; NHWD = Bortskaffet ikke-farligt affald; RWD = Bortskaffet radioaktivt affald; CRU = Komponenter til genbrug; MFR = Materiale til genanvendelse; MER = Materiale til energigenvinding; EEE = Eksporteret elektrisk energi; EET = Eksporteret termisk energi											

Kim Christiansen
Third party verifier of MD-24120-EN

Checked and approved by

Martha Katrine Sørensen
EPD Danmark