

This appendix refers to the EPD MD-21091-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.

Product name: Clima Board

ENVIRONMENTAL EFFECTS PER PRODUKT PER M <sup>2</sup>								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	1.62E+00	1.38E-01	0.00E+00	1.13E-01	3.27E-02	5.10E-01	-1.81E-01
ODP	[kg CFC11-eq.]	4.66E-05	3.69E-17	0.00E+00	3.02E-17	1.06E-15	1.31E-16	-2.82E-15
AP	[kg SO2-eq.]	5.04E-03	1.11E-04	0.00E+00	9.12E-05	5.55E-05	9.87E-05	-2.07E-04
EP	[kg PO43--eq.]	2.12E-03	2.20E-05	0.00E+00	1.80E-05	7.30E-06	1.98E-05	-3.32E-05
POCP	[kg ethene-eq.]	4.70E-04	-2.19E-06	0.00E+00	-1.79E-06	4.67E-06	6.88E-06	-2.13E-05
ADPE	[kg Sb-eq.]	5.86E-06	1.25E-08	0.00E+00	1.02E-08	1.03E-08	1.55E-09	-3.23E-08
ADPF	[MJ]	3.32E+01	1.85E+00	0.00E+00	1.51E+00	3.64E-01	1.41E-01	-2.59E+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							

RESSOURCE CONSUMPTION PER PRODUKT PER M <sup>2</sup>								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	5.19E+00	1.08E-01	0.00E+00	8.79E-02	2.72E-01	3.08E-02	-7.22E-01
PERM	[MJ]	7.17E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	[MJ]	1.24E+01	1.08E-01	0.00E+00	8.79E-02	2.72E-01	3.08E-02	-7.22E-01
PENRE	[MJ]	3.45E+01	1.88E+00	0.00E+00	1.53E+00	5.89E-01	1.63E-01	-3.18E+00
PENRM	[MJ]	3.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	3.48E+01	1.88E+00	0.00E+00	1.53E+00	5.89E-01	1.63E-01	-3.18E+00
SM	[kg]	4.64E+00	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	0.00E+00
NRSF	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW	[m <sup>3</sup> ]	1.52E-02	1.23E-04	0.00E+00	1.01E-04	2.64E-04	1.49E-03	-6.98E-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 PRODUKT PER M <sup>2</sup>								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	2.71E-06	9.88E-11	0.00E+00	8.08E-11	1.56E-10	3.01E-11	-7.11E-10
NHWD	[kg]	2.29E-02	2.94E-04	0.00E+00	2.41E-04	4.18E-04	1.60E-02	-1.49E-03
RWD	[kg]	3.02E-04	3.40E-06	0.00E+00	2.78E-06	8.78E-05	8.25E-06	-2.29E-04
CRU	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR	[kg]	5.94E-03	0.00E+00	0.00E+00	0.00E+00	7.14E+00	0.00E+00	0.00E+00
MER	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-01	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	7.72E-01
EET	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E+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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