

This appendix refers to the EPD MD-21093-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: Solid Board

ENVIRONMENTAL EFFECTS PER PRODUKT PER M ²								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	1.19E+00	2.21E-01	0.00E+00	1.83E-01	5.32E-02	5.88E-01	-2.11E-01
ODP	[kg CFC11-eq.]	7.18E-09	5.93E-17	0.00E+00	4.91E-17	1.72E-15	1.51E-16	-3.29E-15
AP	[kg SO2-eq.]	3.72E-03	1.79E-04	0.00E+00	1.48E-04	9.03E-05	1.14E-04	-2.50E-04
EP	[kg PO43--eq.]	1.30E-03	3.54E-05	0.00E+00	2.93E-05	1.19E-05	2.28E-05	-4.11E-05
POCP	[kg ethene-eq.]	4.03E-04	-3.52E-06	0.00E+00	-2.92E-06	7.60E-06	7.92E-06	-2.57E-05
ADPE	[kg Sb-eq.]	2.05E-06	2.00E-08	0.00E+00	1.66E-08	1.67E-08	1.79E-09	-3.77E-08
ADPF	[MJ]	3.00E+01	2.97E+00	0.00E+00	2.46E+00	5.93E-01	1.63E-01	-3.01E+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 ²								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	4.74E+00	1.73E-01	0.00E+00	1.43E-01	4.42E-01	3.55E-02	-8.41E-01
PERM	[MJ]	8.32E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	[MJ]	1.31E+01	1.73E-01	0.00E+00	1.43E-01	4.42E-01	3.55E-02	-8.41E-01
PENRE	[MJ]	3.07E+01	3.01E+00	0.00E+00	2.49E+00	9.59E-01	1.88E-01	-3.70E+00
PENRM	[MJ]	2.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	3.10E+01	3.01E+00	0.00E+00	2.49E+00	9.59E-01	1.88E-01	-3.70E+00
SM	[kg]	7.26E+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 ³]	1.39E-02	1.98E-04	0.00E+00	1.64E-04	4.30E-04	1.71E-03	-8.09E-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 ²								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	1.39E-06	1.59E-10	0.00E+00	1.31E-10	2.53E-10	3.47E-11	-8.25E-10
NHWD	[kg]	2.53E-02	4.72E-04	0.00E+00	3.91E-04	6.80E-04	1.84E-02	-1.73E-03
RWD	[kg]	3.35E-04	5.46E-06	0.00E+00	4.52E-06	1.43E-04	9.51E-06	-2.64E-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]	6.84E-03	0.00E+00	0.00E+00	0.00E+00	1.18E+01	0.00E+00	0.00E+00
MER	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-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	8.90E-01
EET	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E+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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