

This appendix refers to the EPD MD-21089-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 Wet Board

ENVIRONMENTAL EFFECTS PER PRODUKT PER M ²								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	1.51E+00	2.00E-01	0.00E+00	1.65E-01	4.79E-02	6.23E-01	-2.23E-01
ODP	[kg CFC11-eq.]	3.41E-05	5.36E-17	0.00E+00	4.43E-17	1.55E-15	1.60E-16	-3.47E-15
AP	[kg SO2-eq.]	5.22E-03	1.62E-04	0.00E+00	1.34E-04	8.14E-05	1.21E-04	-2.59E-04
EP	[kg PO43--eq.]	2.09E-03	3.20E-05	0.00E+00	2.64E-05	1.07E-05	2.41E-05	-4.20E-05
POCP	[kg ethene-eq.]	5.09E-04	-3.18E-06	0.00E+00	-2.63E-06	6.85E-06	8.40E-06	-2.66E-05
ADPE	[kg Sb-eq.]	5.03E-06	1.81E-08	0.00E+00	1.49E-08	1.51E-08	1.90E-09	-3.97E-08
ADPF	[MJ]	3.38E+01	2.68E+00	0.00E+00	2.22E+00	5.35E-01	1.73E-01	-3.18E+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]	5.48E+00	1.56E-01	0.00E+00	1.29E-01	3.98E-01	3.77E-02	-8.87E-01
PERM	[MJ]	8.18E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PERT	[MJ]	1.37E+01	1.56E-01	0.00E+00	1.29E-01	3.98E-01	3.77E-02	-8.87E-01
PENRE	[MJ]	3.49E+01	2.72E+00	0.00E+00	2.25E+00	8.65E-01	1.99E-01	-3.90E+00
PENRM	[MJ]	3.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
PENRT	[MJ]	3.53E+01	2.72E+00	0.00E+00	2.25E+00	8.65E-01	1.99E-01	-3.90E+00
SM	[kg]	6.75E+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]	1.66E-02	1.79E-04	0.00E+00	1.48E-04	3.88E-04	1.82E-03	-8.56E-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]	5.30E-06	1.43E-10	0.00E+00	1.19E-10	2.29E-10	3.68E-11	-8.72E-10
NHWD	[kg]	2.55E-02	4.27E-04	0.00E+00	3.53E-04	6.13E-04	1.95E-02	-1.83E-03
RWD	[kg]	3.33E-04	4.94E-06	0.00E+00	4.08E-06	1.29E-04	1.01E-05	-2.80E-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]	7.26E-03	0.00E+00	0.00E+00	0.00E+00	1.06E+01	0.00E+00	0.00E+00
MER	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-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	9.44E-01
EET	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E+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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