

This appendix refers to the EPD MD-23090-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: Perforated Knauf Corridor

ENVIRONMENTAL EFFECTS PER M2								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	2,65E+00	1,82E-01	0,00E+00	1,51E-01	1,09E+00	0,00E+00	-3,27E-01
ODP	[kg CFC11-eq.]	2,46E-08	4,89E-17	0,00E+00	4,05E-17	1,74E-15	0,00E+00	-5,05E-15
AP	[kg SO2-eq.]	8,48E-03	1,48E-04	0,00E+00	1,22E-04	3,58E-04	0,00E+00	-3,63E-04
EP	[kg PO43--eq.]	1,98E-03	2,92E-05	0,00E+00	2,41E-05	6,54E-05	0,00E+00	-5,71E-05
POCP	[kg ethene-eq.]	6,97E-04	-2,90E-06	0,00E+00	-2,40E-06	2,47E-05	0,00E+00	-3,74E-05
ADPE	[kg Sb-eq.]	4,93E-06	1,65E-08	0,00E+00	1,36E-08	1,76E-08	0,00E+00	-5,79E-08
ADPF	[MJ]	5,80E+01	2,45E+00	0,00E+00	2,03E+00	8,46E-01	0,00E+00	-4,69E+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 M2								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	6,16E+00	1,42E-01	0,00E+00	1,18E-01	4,38E-01	0,00E+00	-1,30E+00
PERM	[MJ]	7,34E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	1,35E+01	1,42E-01	0,00E+00	1,18E-01	4,38E-01	0,00E+00	-1,30E+00
PENRE	[MJ]	6,03E+01	2,48E+00	0,00E+00	2,05E+00	1,20E+00	0,00E+00	-5,75E+00
PENRM	[MJ]	4,18E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	6,45E+01	2,48E+00	0,00E+00	2,05E+00	1,20E+00	0,00E+00	-5,75E+00
SM	[kg]	6,82E+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]	2,57E-02	1,63E-04	0,00E+00	1,35E-04	3,41E-03	0,00E+00	-1,26E-03
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								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	3,89E-06	1,31E-10	0,00E+00	1,08E-10	2,84E-10	0,00E+00	-1,29E-09
NHWD	[kg]	3,63E-02	3,89E-04	0,00E+00	3,22E-04	8,07E-02	0,00E+00	-2,68E-03
RWD	[kg]	2,43E-03	4,50E-06	0,00E+00	3,73E-06	1,36E-04	0,00E+00	-4,12E-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]	1,46E-01	0,00E+00	0,00E+00	0,00E+00	9,27E+00	0,00E+00	0,00E+00
MER	[kg]	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	1,40E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,56E+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; EEE = Exported electrical energy; EET = Exported thermal energy							

Checked and approved by

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