

This appendix refers to the EPD MD-23089-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: Unperforated Knauf Corridor

ENVIRONMENTAL EFFECTS PER M2								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	2,49E+00	1,99E-01	0,00E+00	1,65E-01	1,00E+00	0,00E+00	-3,11E-01
ODP	[kg CFC11-eq.]	2,44E-08	5,33E-17	0,00E+00	4,42E-17	1,83E-15	0,00E+00	-4,82E-15
AP	[kg SO2-eq.]	8,11E-03	1,61E-04	0,00E+00	1,33E-04	3,21E-04	0,00E+00	-3,49E-04
EP	[kg PO43--eq.]	1,90E-03	3,18E-05	0,00E+00	2,64E-05	5,79E-05	0,00E+00	-5,54E-05
POCP	[kg ethene-eq.]	6,26E-04	-3,16E-06	0,00E+00	-2,62E-06	2,27E-05	0,00E+00	-3,60E-05
ADPE	[kg Sb-eq.]	4,72E-06	1,80E-08	0,00E+00	1,49E-08	1,84E-08	0,00E+00	-5,52E-08
ADPF	[MJ]	5,35E+01	2,67E+00	0,00E+00	2,21E+00	8,44E-01	0,00E+00	-4,45E+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]	4,61E+00	1,55E-01	0,00E+00	1,29E-01	4,63E-01	0,00E+00	-1,23E+00
PERM	[MJ]	7,86E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	1,25E+01	1,55E-01	0,00E+00	1,29E-01	4,63E-01	0,00E+00	-1,23E+00
PENRE	[MJ]	5,65E+01	2,71E+00	0,00E+00	2,24E+00	1,22E+00	0,00E+00	-5,47E+00
PENRM	[MJ]	3,31E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	5,98E+01	2,71E+00	0,00E+00	2,24E+00	1,22E+00	0,00E+00	-5,47E+00
SM	[kg]	6,65E+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]	2,44E-02	1,78E-04	0,00E+00	1,47E-04	3,18E-03	0,00E+00	-1,20E-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]	3,48E-06	1,43E-10	0,00E+00	1,18E-10	2,93E-10	0,00E+00	-1,22E-09
NHWD	[kg]	2,65E-02	4,25E-04	0,00E+00	3,52E-04	6,24E-02	0,00E+00	-2,55E-03
RWD	[kg]	2,36E-03	4,91E-06	0,00E+00	4,07E-06	1,45E-04	0,00E+00	-3,92E-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]	8,79E-02	0,00E+00	0,00E+00	0,00E+00	1,03E+01	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	1,33E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,43E+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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