

Dette tillægsblad referer til miljøvaredeklaration MD-22035-DK, der er udført iht. EN15804+A2:2019. Resultater i tillægsbladet formidler LCA resultater i format efter EN15804+A1:2013 for at imødekomme overgangsperioden mellem de to standard revisioner. Tillægsbladet kan ikke stå alene, da reference EPD'en beskriver beregningsgrundlag for resultaterne heri.

**MFP-C42, 3m**  
**MFP-C42,**  
**3m**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	2,88E+02	2,34E+01	-3,85E+00	5,01E+00	1,56E+01	3,53E+00	0,00E+00	-1,75E+01
ODP	[kg CFC11-eq.]	2,23E-10	6,26E-15	0,00E+00	1,35E-15	4,17E-15	9,51E-16	0,00E+00	-4,25E-14
AP	[kg SO2-eq.]	6,51E-01	1,86E-02	0,00E+00	1,79E-02	1,24E-02	1,26E-02	0,00E+00	-9,37E-02
EP	[kg PO43--eq.]	8,15E-02	3,65E-03	0,00E+00	4,23E-03	2,43E-03	2,98E-03	0,00E+00	-7,24E-03
POCP	[kg ethene-eq.]	7,01E-02	-2,35E-04	0,00E+00	1,74E-03	-1,56E-04	1,22E-03	0,00E+00	-6,23E-03
ADPE	[kg Sb-eq.]	1,31E-03	2,11E-06	0,00E+00	4,55E-07	1,41E-06	3,21E-07	0,00E+00	-5,06E-04
ADPF	[MJ]	2,29E+03	3,13E+02	0,00E+00	6,76E+01	2,09E+02	4,76E+01	0,00E+00	-2,17E+02
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								

**MFP-C42,**  
**3m**

RESOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	5,31E+02	1,82E+01	0,00E+00	3,93E+00	1,21E+01	2,77E+00	0,00E+00	-4,50E+01
PERM	[MJ]	9,67E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	5,41E+02	1,82E+01	0,00E+00	3,93E+00	1,21E+01	2,77E+00	0,00E+00	-4,50E+01
PENRE	[MJ]	2,56E+03	3,18E+02	0,00E+00	6,86E+01	2,12E+02	4,83E+01	0,00E+00	-2,27E+02
PENRM	[MJ]	1,96E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,75E+03	3,18E+02	0,00E+00	6,86E+01	2,12E+02	4,83E+01	0,00E+00	-2,27E+02
SM	[kg]	1,35E+02	0,00E+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	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	0,00E+00
FW	[m³]	1,05E+00	2,09E-02	0,00E+00	4,50E-03	1,39E-02	3,17E-03	0,00E+00	-2,74E-01
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								

**MFP-C42,**  
**3m**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	2,19E-04	1,67E-08	0,00E+00	3,61E-09	1,12E-08	2,54E-09	0,00E+00	-1,77E-03
NHWD	[kg]	2,39E+01	4,99E-02	0,00E+00	1,08E-02	3,32E-02	7,57E-03	0,00E+00	-4,43E+01
RWD	[kg]	1,51E-01	5,76E-04	0,00E+00	1,24E-04	3,84E-04	8,76E-05	0,00E+00	-3,48E-03
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	4,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,20E+03	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	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+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								

**MFP-C42, 4m**  
**MFP-C42,**  
**4m**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	3,11E+02	2,41E+01	-4,66E+00	5,16E+00	1,61E+01	3,64E+00	0,00E+00	-1,75E+01
ODP	[kg CFC11-eq.]	2,23E-10	6,45E-15	0,00E+00	1,39E-15	4,30E-15	9,80E-16	0,00E+00	-4,25E-14
AP	[kg SO2-eq.]	6,92E-01	1,92E-02	0,00E+00	1,84E-02	1,28E-02	1,30E-02	0,00E+00	-9,37E-02
EP	[kg PO43--eq.]	8,67E-02	3,76E-03	0,00E+00	4,36E-03	2,51E-03	3,07E-03	0,00E+00	-7,24E-03
POCP	[kg ethene-eq.]	7,85E-02	-2,42E-04	0,00E+00	1,79E-03	-1,61E-04	1,26E-03	0,00E+00	-6,23E-03
ADPE	[kg Sb-eq.]	1,32E-03	2,18E-06	0,00E+00	4,69E-07	1,45E-06	3,31E-07	0,00E+00	-5,06E-04
ADPF	[MJ]	2,60E+03	3,23E+02	0,00E+00	6,97E+01	2,15E+02	4,91E+01	0,00E+00	-2,17E+02
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								

**MFP-C42,**  
**4m**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	6,20E+02	1,88E+01	0,00E+00	4,05E+00	1,25E+01	2,85E+00	0,00E+00	-4,50E+01
PERM	[MJ]	1,18E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	6,31E+02	1,88E+01	0,00E+00	4,05E+00	1,25E+01	2,85E+00	0,00E+00	-4,50E+01
PENRE	[MJ]	2,90E+03	3,28E+02	0,00E+00	7,07E+01	2,18E+02	4,98E+01	0,00E+00	-2,27E+02
PENRM	[MJ]	2,34E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	3,13E+03	3,28E+02	0,00E+00	7,07E+01	2,18E+02	4,98E+01	0,00E+00	-2,27E+02
SM	[kg]	1,74E+02	0,00E+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	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	0,00E+00
FW	[m³]	1,19E+00	2,15E-02	0,00E+00	4,64E-03	1,43E-02	3,27E-03	0,00E+00	-2,74E-01
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								

**MFP-C42,**  
**4m**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	2,19E-04	1,73E-08	0,00E+00	3,72E-09	1,15E-08	2,62E-09	0,00E+00	-1,77E-03
NHWD	[kg]	2,42E+01	5,14E-02	0,00E+00	1,11E-02	3,42E-02	7,81E-03	0,00E+00	-4,43E+01
RWD	[kg]	1,79E-01	5,94E-04	0,00E+00	1,28E-04	3,96E-04	9,03E-05	0,00E+00	-3,48E-03
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	4,92E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,24E+03	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	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+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								

**MFP-C42, 5m**  
**MFP-C42,**  
**5m**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	3,31E+02	2,47E+01	-5,47E+00	5,30E+00	1,65E+01	3,73E+00	0,00E+00	-1,75E+01
ODP	[kg CFC11-eq.]	2,24E-10	6,62E-15	0,00E+00	1,43E-15	4,41E-15	1,01E-15	0,00E+00	-4,25E-14
AP	[kg SO2-eq.]	7,27E-01	1,96E-02	0,00E+00	1,89E-02	1,31E-02	1,33E-02	0,00E+00	-9,37E-02
EP	[kg PO43--eq.]	9,12E-02	3,86E-03	0,00E+00	4,47E-03	2,57E-03	3,15E-03	0,00E+00	-7,24E-03
POCP	[kg ethene-eq.]	8,57E-02	-2,48E-04	0,00E+00	1,84E-03	-1,65E-04	1,29E-03	0,00E+00	-6,23E-03
ADPE	[kg Sb-eq.]	1,32E-03	2,23E-06	0,00E+00	4,82E-07	1,49E-06	3,39E-07	0,00E+00	-5,06E-04
ADPF	[MJ]	2,86E+03	3,31E+02	0,00E+00	7,15E+01	2,21E+02	5,04E+01	0,00E+00	-2,17E+02
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								

**MFP-C42,**  
**5m**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	6,95E+02	1,93E+01	0,00E+00	4,16E+00	1,28E+01	2,93E+00	0,00E+00	-4,50E+01
PERM	[MJ]	1,34E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	7,08E+02	1,93E+01	0,00E+00	4,16E+00	1,28E+01	2,93E+00	0,00E+00	-4,50E+01
PENRE	[MJ]	3,19E+03	3,36E+02	0,00E+00	7,25E+01	2,24E+02	5,11E+01	0,00E+00	-2,27E+02
PENRM	[MJ]	2,62E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	3,45E+03	3,36E+02	0,00E+00	7,25E+01	2,24E+02	5,11E+01	0,00E+00	-2,27E+02
SM	[kg]	2,08E+02	0,00E+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	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	0,00E+00
FW	[m³]	1,31E+00	2,21E-02	0,00E+00	4,76E-03	1,47E-02	3,35E-03	0,00E+00	-2,74E-01
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								

**MFP-C42,**  
**5m**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	2,19E-04	1,77E-08	0,00E+00	3,82E-09	1,18E-08	2,69E-09	0,00E+00	-1,77E-03
NHWD	[kg]	2,45E+01	5,27E-02	0,00E+00	1,14E-02	3,51E-02	8,01E-03	0,00E+00	-4,44E+01
RWD	[kg]	2,03E-01	6,09E-04	0,00E+00	1,32E-04	4,06E-04	9,26E-05	0,00E+00	-3,48E-03
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	5,21E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,27E+03	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	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+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								

**MFP-C42, 6m**  
**MFP-C42,**  
**6m**

ENVIRONMENTAL EFFECTS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	3,35E+02	2,47E+01	-6,28E+00	5,30E+00	1,65E+01	3,73E+00	0,00E+00	-1,75E+01
ODP	[kg CFC11-eq.]	2,24E-10	6,62E-15	0,00E+00	1,43E-15	4,41E-15	1,01E-15	0,00E+00	-4,25E-14
AP	[kg SO2-eq.]	7,29E-01	1,96E-02	0,00E+00	1,89E-02	1,31E-02	1,33E-02	0,00E+00	-9,37E-02
EP	[kg PO43--eq.]	9,16E-02	3,86E-03	0,00E+00	4,47E-03	2,57E-03	3,15E-03	0,00E+00	-7,24E-03
POCP	[kg ethene-eq.]	8,58E-02	-2,48E-04	0,00E+00	1,84E-03	-1,65E-04	1,29E-03	0,00E+00	-6,23E-03
ADPE	[kg Sb-eq.]	1,32E-03	2,23E-06	0,00E+00	4,82E-07	1,49E-06	3,39E-07	0,00E+00	-5,06E-04
ADPF	[MJ]	2,91E+03	3,31E+02	0,00E+00	7,15E+01	2,21E+02	5,04E+01	0,00E+00	-2,17E+02
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								

**MFP-C42,**  
**6m**

RESSOURCE CONSUMPTION PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
PERE	[MJ]	6,95E+02	1,93E+01	0,00E+00	4,16E+00	1,28E+01	2,93E+00	0,00E+00	-4,50E+01
PERM	[MJ]	1,45E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	7,10E+02	1,93E+01	0,00E+00	4,16E+00	1,28E+01	2,93E+00	0,00E+00	-4,50E+01
PENRE	[MJ]	3,22E+03	3,36E+02	0,00E+00	7,25E+01	2,24E+02	5,11E+01	0,00E+00	-2,27E+02
PENRM	[MJ]	2,83E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	3,50E+03	3,36E+02	0,00E+00	7,25E+01	2,24E+02	5,11E+01	0,00E+00	-2,27E+02
SM	[kg]	2,08E+02	0,00E+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	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	0,00E+00
FW	[m³]	1,31E+00	2,21E-02	0,00E+00	4,76E-03	1,47E-02	3,35E-03	0,00E+00	-2,74E-01
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								

**MFP-C42,**  
**6m**

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUCT									
Parameter	Enhed	A1-A3	A4	B1	C1	C2	C3	C4	D
HWD	[kg]	2,19E-04	1,77E-08	0,00E+00	3,82E-09	1,18E-08	2,69E-09	0,00E+00	-1,77E-03
NHWD	[kg]	2,45E+01	5,27E-02	0,00E+00	1,14E-02	3,51E-02	8,01E-03	0,00E+00	-4,44E+01
RWD	[kg]	2,03E-01	6,09E-04	0,00E+00	1,32E-04	4,06E-04	9,26E-05	0,00E+00	-3,48E-03
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	5,21E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,27E+03	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	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+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								

Kontrolleret og godkendt af



Ninkie Bendtsen  
3. parts verifikator af MD-22035-DK



Martha Katrine Sørensen  
EPD Danmark