

This appendix refers to the EPD MD-24098-EN, developed according to EN15804+A2:2019. Results in the appendix communicate 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.

Cedar (Untreated)

ENVIRONMENTAL IMPACTS PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	-2,64E+02	1,77E+00	6,48E+00	0,00E+00	5,61E+02	-1,27E+02
ODP	[kg CFC11-eq.]	4,48E-06	2,29E-08	1,16E-07	0,00E+00	2,93E-07	-3,45E-06
AP	[kg SO ₂ -eq.]	2,16E+00	1,15E-02	1,15E-02	0,00E+00	1,09E-01	-2,96E-01
EP	[kg PO ₄ ³⁻ -eq.]	5,21E-01	2,76E-03	2,88E-03	0,00E+00	6,82E-02	-1,95E-01
POCP	[kg ethene-eq.]	9,35E-02	3,16E-04	9,38E-04	0,00E+00	4,32E-03	-1,64E-02
ADPE	[kg Sb-eq.]	5,60E-04	6,16E-07	2,11E-05	0,00E+00	5,24E-05	-1,42E-04
ADPF	[MJ]	3,70E+03	2,29E+01	9,14E+01	0,00E+00	2,94E+02	-2,02E+03
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						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

RESOURCE USE PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
PERE	[MJ]	2,05E+04	1,32E-01	1,45E+00	0,00E+00	1,33E+01	-2,64E+02
PERM	[MJ]	5,07E+03	0,00E+00	0,00E+00	0,00E+00	-5,04E+03	0,00E+00
PERT	[MJ]	2,56E+04	1,32E-01	1,45E+00	0,00E+00	-5,03E+03	-2,64E+02
PENRE	[MJ]	3,52E+03	2,31E+01	9,18E+01	0,00E+00	2,79E+02	-2,35E+03
PENRM	[MJ]	2,55E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	3,52E+03	2,31E+01	9,18E+01	0,00E+00	2,79E+02	-2,35E+03
SM	[kg]	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
NRSF	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	1,03E+00	1,81E-03	1,32E-02	0,00E+00	-1,28E-02	-1,12E+00
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 = Use of net fresh water						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
HWD	[kg]	1,83E-02	1,56E-04	5,84E-04	0,00E+00	1,39E-03	-6,12E-03
NHWD	[kg]	4,97E+01	3,31E-02	4,56E+00	0,00E+00	1,45E+01	-5,14E+00
RWD	[kg]	2,67E-03	2,53E-06	3,02E-05	0,00E+00	2,84E-04	-9,95E-03

CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+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
EEE	[MJ]	1,18E+00	0,00E+00	0,00E+00	0,00E+00	6,09E+02	0,00E+00
EET	[MJ]	2,30E+00	0,00E+00	0,00E+00	0,00E+00	1,22E+03	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						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

Cedar (Primed)

ENVIRONMENTAL IMPACTS PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	-2,18E+02	1,80E+00	6,61E+00	0,00E+00	5,78E+02	-7,01E+01
ODP	[kg CFC11-eq.]	5,17E-06	2,33E-08	1,18E-07	0,00E+00	3,01E-07	-3,10E-06
AP	[kg SO ₂ -eq.]	2,35E+00	1,18E-02	1,18E-02	0,00E+00	1,12E-01	-1,32E-01
EP	[kg PO ₄ ³⁻ -eq.]	5,66E-01	2,82E-03	2,94E-03	0,00E+00	6,97E-02	-1,09E-01
POCP	[kg ethene-eq.]	1,05E-01	3,23E-04	9,56E-04	0,00E+00	4,40E-03	-8,23E-03
ADPE	[kg Sb-eq.]	7,28E-04	6,28E-07	2,16E-05	0,00E+00	5,35E-05	-2,56E-04
ADPF	[MJ]	4,47E+03	2,34E+01	9,32E+01	0,00E+00	3,00E+02	-1,19E+03
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						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

RESOURCE USE PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
PERE	[MJ]	2,06E+04	1,34E-01	1,47E+00	0,00E+00	1,36E+01	-5,91E+02
PERM	[MJ]	5,07E+03	0,00E+00	0,00E+00	0,00E+00	-5,04E+03	0,00E+00
PERT	[MJ]	2,56E+04	1,34E-01	1,47E+00	0,00E+00	-5,03E+03	-5,91E+02
PENRE	[MJ]	4,28E+03	2,36E+01	9,37E+01	0,00E+00	2,85E+02	-1,17E+03
PENRM	[MJ]	2,55E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	4,29E+03	2,36E+01	9,37E+01	0,00E+00	2,85E+02	-1,17E+03
SM	[kg]	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
NRSF	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	1,65E+00	1,85E-03	1,35E-02	0,00E+00	-1,04E-02	-1,18E+00
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 = Use of net fresh water						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
HWD	[kg]	2,07E-02	1,59E-04	5,96E-04	0,00E+00	1,44E-03	-3,24E-03
NHWD	[kg]	5,26E+01	3,37E-02	4,65E+00	0,00E+00	1,50E+01	-3,65E+00
RWD	[kg]	3,92E-03	2,58E-06	3,08E-05	0,00E+00	2,90E-04	-3,16E-03

CRU	[kg]	4,20E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+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
EEE	[MJ]	1,18E+00	0,00E+00	0,00E+00	0,00E+00	6,09E+02	0,00E+00
EET	[MJ]	2,30E+00	0,00E+00	0,00E+00	0,00E+00	1,22E+03	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						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

Cedar (Primed & Top Coated)

ENVIRONMENTAL IMPACTS PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	-1,45E+02	1,84E+00	6,74E+00	0,00E+00	5,95E+02	-1,30E+02
ODP	[kg CFC11-eq.]	6,76E-06	2,38E-08	1,20E-07	0,00E+00	3,10E-07	-3,53E-06
AP	[kg SO ₂ -eq.]	3,03E+00	1,20E-02	1,20E-02	0,00E+00	1,14E-01	-3,03E-01
EP	[kg PO ₄ ³⁻ -eq.]	6,52E-01	2,87E-03	3,00E-03	0,00E+00	7,14E-02	-2,00E-01
POCP	[kg ethene-eq.]	1,37E-01	3,29E-04	9,75E-04	0,00E+00	4,49E-03	-1,68E-02
ADPE	[kg Sb-eq.]	9,57E-04	6,41E-07	2,20E-05	0,00E+00	5,47E-05	-1,46E-04
ADPF	[MJ]	5,40E+03	2,38E+01	9,50E+01	0,00E+00	3,07E+02	-2,07E+03
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						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

RESOURCE USE PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
PERE	[MJ]	2,07E+04	1,37E-01	1,50E+00	0,00E+00	1,38E+01	-2,70E+02
PERM	[MJ]	5,07E+03	0,00E+00	0,00E+00	0,00E+00	-5,04E+03	0,00E+00
PERT	[MJ]	2,58E+04	1,37E-01	1,50E+00	0,00E+00	-5,03E+03	-2,70E+02
PENRE	[MJ]	5,19E+03	2,40E+01	9,55E+01	0,00E+00	2,91E+02	-2,40E+03
PENRM	[MJ]	2,55E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	5,19E+03	2,40E+01	9,55E+01	0,00E+00	2,91E+02	-2,40E+03
SM	[kg]	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
NRSF	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	2,82E+00	1,89E-03	1,38E-02	0,00E+00	-7,93E-03	-1,15E+00
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 = Use of net fresh water						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
HWD	[kg]	2,38E-02	1,62E-04	6,08E-04	0,00E+00	1,49E-03	-6,27E-03
NHWD	[kg]	7,15E+01	3,44E-02	4,75E+00	0,00E+00	1,55E+01	-5,26E+00
RWD	[kg]	5,43E-03	2,63E-06	3,14E-05	0,00E+00	2,96E-04	-1,02E-02

CRU	[kg]	8,20E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+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
EEE	[MJ]	1,18E+00	0,00E+00	0,00E+00	0,00E+00	6,09E+02	0,00E+00
EET	[MJ]	2,30E+00	0,00E+00	0,00E+00	0,00E+00	1,22E+03	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						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

Thermo Ash (Untreated)

ENVIRONMENTAL IMPACTS PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	-8,92E+02	3,43E+00	1,26E+01	0,00E+00	1,19E+03	-2,47E+02
ODP	[kg CFC11-eq.]	4,26E-06	4,44E-08	2,25E-07	0,00E+00	5,69E-07	-6,70E-06
AP	[kg SO ₂ -eq.]	2,39E+00	2,24E-02	2,24E-02	0,00E+00	2,13E-01	-5,75E-01
EP	[kg PO ₄ ³⁻ -eq.]	5,12E-01	5,37E-03	5,60E-03	0,00E+00	1,32E-01	-3,79E-01
POCP	[kg ethene-eq.]	1,50E-01	6,15E-04	1,82E-03	0,00E+00	8,39E-03	-3,19E-02
ADPE	[kg Sb-eq.]	5,13E-04	1,20E-06	4,11E-05	0,00E+00	1,02E-04	-2,76E-04
ADPF	[MJ]	3,50E+03	4,45E+01	1,78E+02	0,00E+00	5,71E+02	-3,92E+03
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						
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RESOURCE USE PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
PERE	[MJ]	2,70E+04	2,56E-01	2,81E+00	0,00E+00	2,58E+01	-5,13E+02
PERM	[MJ]	9,85E+03	0,00E+00	0,00E+00	0,00E+00	-9,79E+03	0,00E+00
PERT	[MJ]	3,68E+04	2,56E-01	2,81E+00	0,00E+00	-9,77E+03	-5,13E+02
PENRE	[MJ]	3,35E+03	4,49E+01	1,78E+02	0,00E+00	5,42E+02	-4,56E+03
PENRM	[MJ]	2,55E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	3,35E+03	4,49E+01	1,78E+02	0,00E+00	5,42E+02	-4,56E+03
SM	[kg]	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
NRSF	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	1,02E+00	3,52E-03	2,57E-02	0,00E+00	-2,49E-02	-2,18E+00
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 = Use of net fresh water						
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WASTE CATEGORIES AND OUTPUT FLOWS PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
HWD	[kg]	1,65E-02	3,02E-04	1,14E-03	0,00E+00	2,71E-03	-1,19E-02
NHWD	[kg]	7,15E+01	6,42E-02	8,86E+00	0,00E+00	2,82E+01	-9,99E+00
RWD	[kg]	2,52E-03	4,92E-06	5,87E-05	0,00E+00	5,51E-04	-1,93E-02

CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+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
EEE	[MJ]	5,10E-01	0,00E+00	0,00E+00	0,00E+00	1,18E+03	0,00E+00
EET	[MJ]	9,96E-01	0,00E+00	0,00E+00	0,00E+00	2,37E+03	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						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

Thermo Ash (Primed)

ENVIRONMENTAL IMPACTS PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	-8,46E+02	3,47E+00	1,27E+01	0,00E+00	1,21E+03	-2,48E+02
ODP	[kg CFC11-eq.]	4,94E-06	4,49E-08	2,27E-07	0,00E+00	5,78E-07	-6,74E-06
AP	[kg SO ₂ -eq.]	2,59E+00	2,26E-02	2,27E-02	0,00E+00	2,15E-01	-5,78E-01
EP	[kg PO ₄ ³⁻ -eq.]	5,56E-01	5,42E-03	5,66E-03	0,00E+00	1,34E-01	-3,81E-01
POCP	[kg ethene-eq.]	1,62E-01	6,21E-04	1,84E-03	0,00E+00	8,47E-03	-3,21E-02
ADPE	[kg Sb-eq.]	6,81E-04	1,21E-06	4,15E-05	0,00E+00	1,03E-04	-2,78E-04
ADPF	[MJ]	4,27E+03	4,50E+01	1,79E+02	0,00E+00	5,78E+02	-3,94E+03
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						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

RESOURCE USE PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
PERE	[MJ]	2,70E+04	2,58E-01	2,84E+00	0,00E+00	2,61E+01	-5,16E+02
PERM	[MJ]	9,85E+03	0,00E+00	0,00E+00	0,00E+00	-9,79E+03	0,00E+00
PERT	[MJ]	3,69E+04	2,58E-01	2,84E+00	0,00E+00	-9,77E+03	-5,16E+02
PENRE	[MJ]	4,11E+03	4,54E+01	1,80E+02	0,00E+00	5,48E+02	-4,59E+03
PENRM	[MJ]	2,55E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	4,12E+03	4,54E+01	1,80E+02	0,00E+00	5,48E+02	-4,59E+03
SM	[kg]	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
NRSF	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	1,63E+00	3,56E-03	2,60E-02	0,00E+00	-2,25E-02	-2,19E+00
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 = Use of net fresh water						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
HWD	[kg]	1,89E-02	3,05E-04	1,15E-03	0,00E+00	2,76E-03	-1,20E-02
NHWD	[kg]	7,44E+01	6,49E-02	8,95E+00	0,00E+00	2,87E+01	-1,01E+01
RWD	[kg]	3,78E-03	4,97E-06	5,93E-05	0,00E+00	5,57E-04	-1,95E-02
CRU	[kg]	4,20E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+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
EEE	[MJ]	5,10E-01	0,00E+00	0,00E+00	0,00E+00	1,18E+03	0,00E+00
EET	[MJ]	9,96E-01	0,00E+00	0,00E+00	0,00E+00	2,37E+03	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						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

Thermo Ash (Primed & Top Coated)

ENVIRONMENTAL IMPACTS PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	-7,73E+02	3,50E+00	1,29E+01	0,00E+00	1,22E+03	-2,50E+02
ODP	[kg CFC11-eq.]	6,54E-06	4,53E-08	2,29E-07	0,00E+00	5,86E-07	-6,78E-06
AP	[kg SO ₂ -eq.]	3,27E+00	2,29E-02	2,29E-02	0,00E+00	2,17E-01	-5,82E-01
EP	[kg PO ₄ ³⁻ -eq.]	6,43E-01	5,48E-03	5,72E-03	0,00E+00	1,36E-01	-3,83E-01
POCP	[kg ethene-eq.]	1,93E-01	6,28E-04	1,86E-03	0,00E+00	8,56E-03	-3,23E-02
ADPE	[kg Sb-eq.]	9,10E-04	1,22E-06	4,19E-05	0,00E+00	1,04E-04	-2,80E-04
ADPF	[MJ]	5,20E+03	4,54E+01	1,81E+02	0,00E+00	5,84E+02	-3,97E+03
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						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

RESOURCE USE PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
PERE	[MJ]	2,72E+04	2,61E-01	2,87E+00	0,00E+00	2,64E+01	-5,20E+02
PERM	[MJ]	9,85E+03	0,00E+00	0,00E+00	0,00E+00	-9,79E+03	0,00E+00
PERT	[MJ]	3,70E+04	2,61E-01	2,87E+00	0,00E+00	-9,77E+03	-5,20E+02
PENRE	[MJ]	5,02E+03	4,58E+01	1,82E+02	0,00E+00	5,54E+02	-4,62E+03
PENRM	[MJ]	2,55E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	5,02E+03	4,58E+01	1,82E+02	0,00E+00	5,54E+02	-4,62E+03
SM	[kg]	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
NRSF	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	2,80E+00	3,60E-03	2,62E-02	0,00E+00	-2,00E-02	-2,20E+00
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 = Use of net fresh water						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

WASTE CATEGORIES AND OUTPUT FLOWS PER 1 m ³ OF PROFILED WOOD							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
HWD	[kg]	2,20E-02	3,08E-04	1,16E-03	0,00E+00	2,81E-03	-1,20E-02
NHWD	[kg]	9,32E+01	6,56E-02	9,05E+00	0,00E+00	2,92E+01	-1,01E+01
RWD	[kg]	5,28E-03	5,02E-06	5,99E-05	0,00E+00	5,64E-04	-1,96E-02

CRU	[kg]	8,20E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+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
EEE	[MJ]	5,10E-01	0,00E+00	0,00E+00	0,00E+00	1,18E+03	0,00E+00
EET	[MJ]	9,96E-01	0,00E+00	0,00E+00	0,00E+00	2,37E+03	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						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

Checked and approved by

David Althoff Palm, Dalemarken AB
Third party verifier of MD-24098-EN

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