

This appendix refers to the EPD MD-23093-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.

| ENVIRONMENTAL IMPACTS PER 1 m ² FG 12.76 mm | | | | | | | | | | |
|--|--|-----------|-----------|-----------|----------|----------|-----------|----------|----------|-----------|
| Parameter | Unit | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| GWP | [kg CO ₂ -eq.] | 4.66E+01 | 9.51E-01 | 1.30E+00 | 2.25E-01 | 3.59E-01 | 6.38E-01 | 2.42E+00 | 1.39E-02 | -2.88E+01 |
| ODP | [kg CFC11-eq.] | 1.76E-08 | 1.47E-13 | 5.25E-12 | 2.42E-08 | 7.81E-12 | 9.96E-14 | 1.29E-12 | 4.23E-14 | -6.77E-11 |
| AP | [kg SO ₂ -eq.] | 2.97E-01 | 3.19E-03 | 7.81E-04 | 1.64E-03 | 6.14E-04 | 2.34E-03 | 2.46E-04 | 7.80E-05 | -1.38E-01 |
| EP | [kg PO ₄ ³⁻ -eq.] | 3.22E-02 | 7.05E-04 | 1.41E-04 | 1.51E-03 | 8.45E-05 | 5.84E-04 | 4.87E-05 | 9.02E-06 | -1.73E-02 |
| POCP | [kg ethene-eq.] | -3.11E-02 | -9.39E-04 | -5.45E-05 | 1.85E-04 | 5.33E-05 | -8.40E-04 | 2.52E-05 | 5.94E-06 | 1.73E-02 |
| ADPE | [kg Sb-eq.] | 4.23E-06 | 6.27E-08 | 4.95E-08 | 3.21E-06 | 6.37E-08 | 4.29E-08 | 1.05E-08 | 6.62E-10 | -1.04E-06 |
| ADPF | [MJ] | 6.01E+02 | 1.29E+01 | 4.24E+00 | 4.96E+00 | 4.07E+00 | 8.72E+00 | 1.26E+00 | 1.90E-01 | -3.92E+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 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 ² FG 12.76 mm | | | | | | | | | | |
|---|--|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Parameter | Unit | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| PERE | [MJ] | 9.71E+01 | 9.40E-01 | 3.12E+00 | 1.78E+00 | 4.51E+00 | 6.45E-01 | 6.94E-01 | 3.06E-02 | -7.23E+01 |
| PERM | [MJ] | 7.92E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| PERT | [MJ] | 1.76E+02 | 9.40E-01 | 3.12E+00 | 1.78E+00 | 4.51E+00 | 6.45E-01 | 6.94E-01 | 3.06E-02 | -7.23E+01 |
| PENRE | [MJ] | 6.65E+02 | 1.32E+01 | 6.58E+00 | 5.35E+00 | 7.54E+00 | 8.89E+00 | 1.73E+00 | 1.99E-01 | -4.41E+02 |
| PENRM | [MJ] | 3.59E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| PENRT | [MJ] | 7.01E+02 | 1.32E+01 | 6.58E+00 | 5.35E+00 | 7.54E+00 | 8.89E+00 | 1.73E+00 | 1.99E-01 | -4.41E+02 |
| SM | [kg] | 3.94E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF | [MJ] | 5.94E-11 | 5.94E-11 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF | [MJ] | 6.98E-10 | 6.98E-10 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW | [m ³] | 2.11E-01 | 1.03E-03 | 4.93E-03 | 9.70E-03 | 3.63E-03 | 7.06E-04 | 5.67E-03 | 4.42E-05 | -1.35E-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 = 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 ² FG 12.76 mm | | | | | | | | | | |
|--|--|----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|
| Parameter | Unit | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| HWD | [kg] | 8.40E-08 | 4.09E-11 | -3.77E-10 | 8.94E-13 | -5.89E-10 | 2.75E-11 | -5.28E-11 | 5.83E-12 | -6.47E-08 |
| NHWD | [kg] | 4.56E+00 | 2.00E-03 | 2.94E-02 | 1.75E-02 | 5.54E-03 | 1.36E-03 | 1.92E-01 | 9.06E-01 | -4.81E+00 |
| RWD | [kg] | 1.64E-02 | 2.45E-05 | 8.02E-04 | 1.13E-05 | 1.20E-03 | 1.66E-05 | 1.59E-04 | 2.27E-06 | -1.35E-02 |
| 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 | 0.00E+00 |
| MFR | [kg] | 3.52E-01 | 0.00E+00 | 4.18E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E+01 | 0.00E+00 | 0.00E+00 |
| MER | [kg] | 0.00E+00 | 0.00E+00 | 5.80E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EEE | [MJ] | 2.14E-02 | 0.00E+00 | 1.31E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.23E+00 | 0.00E+00 | 0.00E+00 |
| EET | [MJ] | 3.89E-02 | 0.00E+00 | 2.37E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.57E+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 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. | | | | | | | | | |

| ENVIRONMENTAL IMPACTS PER 1 m ² FG 17.52 mm | | | | | | | | | | |
|--|---|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Parameter | Unit | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| GWP | [kg CO ₂ -eq.] | 6.17E+01 | 1.24E+00 | 1.30E+00 | 2.25E-01 | 3.60E-01 | 8.56E-01 | 4.83E+00 | 1.68E-03 | -3.71E+01 |
| ODP | [kg CFC11-eq.] | 1.91E-08 | 1.91E-13 | 5.26E-12 | 2.43E-08 | 7.82E-12 | 1.34E-13 | 2.04E-12 | 3.39E-15 | -8.90E-11 |
| AP | [kg SO ₂ -eq.] | 3.97E-01 | 4.15E-03 | 7.85E-04 | 1.64E-03 | 6.15E-04 | 3.13E-03 | 4.51E-04 | 4.45E-06 | -1.78E-01 |
| EP | [kg PO ₄ ³⁻ -eq.] | 4.28E-02 | 9.18E-04 | 1.42E-04 | 1.51E-03 | 8.47E-05 | 7.83E-04 | 9.16E-05 | 6.66E-07 | -2.28E-02 |

| | | | | | | | | | | |
|---------|---|-----------|-----------|-----------|----------|----------|-----------|----------|----------|-----------|
| POCP | [kg ethene-eq.] | -4.13E-02 | -1.22E-03 | -5.54E-05 | 1.86E-04 | 5.34E-05 | -1.13E-03 | 4.67E-05 | 4.08E-07 | 2.35E-02 |
| ADPE | [kg Sb-eq.] | 4.25E-06 | 8.18E-08 | 4.97E-08 | 3.22E-06 | 6.38E-08 | 5.76E-08 | 1.65E-08 | 4.96E-11 | -1.30E-06 |
| ADPF | [MJ] | 8.02E+02 | 1.69E+01 | 4.26E+00 | 4.97E+00 | 4.08E+00 | 1.17E+01 | 2.25E+00 | 2.47E-02 | -5.06E+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 | | | | | | | | | |
| | 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 ² FG 17.52 mm | | | | | | | | | | |
|---|---|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Parameter | Unit | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| PERE | [MJ] | 1.14E+02 | 1.23E+00 | 3.13E+00 | 1.78E+00 | 4.52E+00 | 8.65E-01 | 1.07E+00 | 2.34E-03 | -8.75E+01 |
| PERM | [MJ] | 7.92E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| PERT | [MJ] | 1.94E+02 | 1.23E+00 | 3.13E+00 | 1.78E+00 | 4.52E+00 | 8.65E-01 | 1.07E+00 | 2.34E-03 | -8.75E+01 |
| PENRE | [MJ] | 8.88E+02 | 1.72E+01 | 6.61E+00 | 5.36E+00 | 7.56E+00 | 1.19E+01 | 2.93E+00 | 2.60E-02 | -5.66E+02 |
| PENRM | [MJ] | 6.62E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| PENRT | [MJ] | 9.54E+02 | 1.72E+01 | 6.61E+00 | 5.36E+00 | 7.56E+00 | 1.19E+01 | 2.93E+00 | 2.60E-02 | -5.66E+02 |
| SM | [kg] | 4.21E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| RSF | [MJ] | 5.94E-11 | 5.94E-11 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| NRSF | [MJ] | 6.98E-10 | 6.98E-10 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| FW | [m ³] | 2.90E-01 | 1.34E-03 | 4.94E-03 | 9.72E-03 | 3.64E-03 | 9.47E-04 | 1.11E-02 | 2.92E-07 | -1.57E-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 = 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 ² FG 17.52 mm | | | | | | | | | | |
|--|--|----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|
| Parameter | Unit | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| HWD | [kg] | 8.93E-08 | 5.33E-11 | -3.78E-10 | 8.96E-13 | -5.91E-10 | 3.69E-11 | -6.40E-11 | 2.15E-12 | -7.78E-08 |
| NHWD | [kg] | 5.62E+00 | 2.60E-03 | 3.05E-02 | 1.75E-02 | 5.55E-03 | 1.82E-03 | 3.86E-01 | 3.68E-02 | -4.81E+00 |
| RWD | [kg] | 1.98E-02 | 3.20E-05 | 8.04E-04 | 1.13E-05 | 1.20E-03 | 2.23E-05 | 2.34E-04 | 3.03E-07 | -1.69E-02 |
| 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 | 0.00E+00 |
| MFR | [kg] | 4.52E-01 | 0.00E+00 | 4.21E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.83E+01 | 0.00E+00 | 0.00E+00 |
| MER | [kg] | 0.00E+00 | 0.00E+00 | 5.81E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EEE | [MJ] | 2.14E-02 | 0.00E+00 | 1.32E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.48E+00 | 0.00E+00 | 0.00E+00 |
| EET | [MJ] | 3.89E-02 | 0.00E+00 | 2.37E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E+01 | 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 energy 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. | | | | | | | | | |

| ENVIRONMENTAL IMPACTS PER 1 m ² FG 21.52 mm | | | | | | | | | | |
|--|---|-----------|-----------|-----------|----------|----------|-----------|----------|----------|-----------|
| Parameter | Unit | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| GWP | [kg CO ₂ -eq.] | 7.28E+01 | 1.50E+00 | 1.30E+00 | 2.25E-01 | 3.60E-01 | 1.05E+00 | 4.55E+00 | 1.81E-03 | -4.44E+01 |
| ODP | [kg CFC11-eq.] | 1.91E-08 | 2.31E-13 | 5.26E-12 | 2.42E-08 | 7.81E-12 | 1.64E-13 | 2.26E-12 | 3.64E-15 | -1.08E-10 |
| AP | [kg SO ₂ -eq.] | 4.81E-01 | 5.01E-03 | 7.85E-04 | 1.64E-03 | 6.14E-04 | 3.85E-03 | 4.52E-04 | 4.76E-06 | -2.16E-01 |
| EP | [kg PO ₄ ³⁻ -eq.] | 5.19E-02 | 1.11E-03 | 1.42E-04 | 1.51E-03 | 8.46E-05 | 9.63E-04 | 9.03E-05 | 1.03E-06 | -2.80E-02 |
| POCP | [kg ethene-eq.] | -5.25E-02 | -1.48E-03 | -5.54E-05 | 1.86E-04 | 5.33E-05 | -1.38E-03 | 4.66E-05 | 4.36E-07 | 2.97E-02 |
| ADPE | [kg Sb-eq.] | 5.31E-06 | 9.86E-08 | 4.96E-08 | 3.21E-06 | 6.37E-08 | 7.08E-08 | 1.84E-08 | 5.31E-11 | -1.51E-06 |
| ADPF | [MJ] | 9.33E+02 | 2.04E+01 | 4.26E+00 | 4.96E+00 | 4.07E+00 | 1.44E+01 | 2.34E+00 | 2.66E-02 | -6.10E+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 | | | | | | | | | |
| | 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 ² FG 21.52 mm | | | | | | | | | | |
|---|---|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Parameter | Unit | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| PERE | [MJ] | 1.26E+02 | 1.48E+00 | 3.13E+00 | 1.78E+00 | 4.52E+00 | 1.06E+00 | 1.21E+00 | 2.51E-03 | -9.78E+01 |
| PERM | [MJ] | 7.92E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| PERT | [MJ] | 2.05E+02 | 1.48E+00 | 3.13E+00 | 1.78E+00 | 4.52E+00 | 1.06E+00 | 1.21E+00 | 2.51E-03 | -9.78E+01 |
| PENRE | [MJ] | 1.03E+03 | 2.08E+01 | 6.60E+00 | 5.35E+00 | 7.54E+00 | 1.47E+01 | 3.13E+00 | 2.80E-02 | -6.80E+02 |
| PENRM | [MJ] | 6.15E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| PENRT | [MJ] | 1.09E+03 | 2.08E+01 | 6.60E+00 | 5.35E+00 | 7.54E+00 | 1.47E+01 | 3.13E+00 | 2.80E-02 | -6.80E+02 |
| SM | [kg] | 4.21E-01 | 0.00E+00 | 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 | 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 | 0.00E+00 |
| FW | [m ³] | 3.08E-01 | 1.62E-03 | 4.94E-03 | 9.71E-03 | 3.63E-03 | 1.16E-03 | 1.06E-02 | 3.11E-07 | -1.72E-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 = 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 ² FG 21.52 mm | | | | | | | | | | |
|--|---|----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|
| Parameter | Unit | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| HWD | [kg] | 1.12E-07 | 6.43E-11 | -3.77E-10 | 8.95E-13 | -5.90E-10 | 4.54E-11 | -8.37E-11 | 2.31E-12 | -9.33E-08 |
| NHWD | [kg] | 6.49E+00 | 3.14E-03 | 3.06E-02 | 1.75E-02 | 5.54E-03 | 2.23E-03 | 3.77E-01 | 3.87E-02 | -5.53E+00 |
| RWD | [kg] | 2.25E-02 | 3.86E-05 | 8.02E-04 | 1.13E-05 | 1.20E-03 | 2.74E-05 | 2.70E-04 | 3.26E-07 | -1.96E-02 |
| 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 | 0.00E+00 |
| MFR | [kg] | 5.52E-01 | 0.00E+00 | 4.21E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.76E+01 | 0.00E+00 | 0.00E+00 |
| MER | [kg] | 0.00E+00 | 0.00E+00 | 5.80E-01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| EEE | [MJ] | 2.14E-02 | 0.00E+00 | 1.31E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E+00 | 0.00E+00 | 0.00E+00 |
| EET | [MJ] | 3.89E-02 | 0.00E+00 | 2.37E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E+01 | 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 | | | | | | | | | |
| | 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. | | | | | | | | | |

| ENVIRONMENTAL IMPACTS PER 1 m ² FG 42.76 mm | | | | | | | | | | |
|--|---|-----------|-----------|-----------|----------|----------|-----------|----------|----------|-----------|
| Parameter | Unit | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| GWP | [kg CO ₂ -eq.] | 8.54E+01 | 1.86E+00 | 2.42E+00 | 2.25E-01 | 3.59E-01 | 1.24E+00 | 2.43E+00 | 2.67E-02 | -5.33E+01 |
| ODP | [kg CFC11-eq.] | 2.20E-08 | 2.87E-13 | 5.39E-12 | 2.42E-08 | 7.81E-12 | 1.93E-13 | 2.05E-12 | 8.23E-14 | -1.30E-10 |
| AP | [kg SO ₂ -eq.] | 5.62E-01 | 6.23E-03 | 1.16E-03 | 1.64E-03 | 6.14E-04 | 4.53E-03 | 3.05E-04 | 1.53E-04 | -2.58E-01 |
| EP | [kg PO ₄ ³⁻ -eq.] | 6.17E-02 | 1.38E-03 | 2.26E-04 | 1.51E-03 | 8.45E-05 | 1.13E-03 | 5.66E-05 | 1.78E-05 | -3.35E-02 |
| POCP | [kg ethene-eq.] | -6.48E-02 | -1.84E-03 | -1.41E-04 | 1.85E-04 | 5.33E-05 | -1.63E-03 | 3.02E-05 | 1.16E-05 | 3.56E-02 |
| ADPE | [kg Sb-eq.] | 5.80E-06 | 1.23E-07 | 5.71E-08 | 3.21E-06 | 6.37E-08 | 8.32E-08 | 1.67E-08 | 1.29E-09 | -1.84E-06 |
| ADPF | [MJ] | 1.09E+03 | 2.53E+01 | 5.77E+00 | 4.96E+00 | 4.07E+00 | 1.69E+01 | 1.66E+00 | 3.64E-01 | -7.36E+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 | | | | | | | | | |
| | 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 ² FG 42.76 mm | | | | | | | | | | |
|---|------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Parameter | Unit | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| PERE | [MJ] | 1.64E+02 | 1.84E+00 | 3.28E+00 | 1.78E+00 | 4.51E+00 | 1.25E+00 | 1.13E+00 | 5.95E-02 | -1.17E+02 |
| PERM | [MJ] | 1.58E+02 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| PERT | [MJ] | 3.21E+02 | 1.84E+00 | 3.28E+00 | 1.78E+00 | 4.51E+00 | 1.25E+00 | 1.13E+00 | 5.95E-02 | -1.17E+02 |
| PENRE | [MJ] | 1.20E+03 | 2.58E+01 | 8.19E+00 | 5.35E+00 | 7.54E+00 | 1.72E+01 | 2.46E+00 | 3.80E-01 | -8.21E+02 |
| PENRM | [MJ] | 4.05E+01 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| PENRT | [MJ] | 1.24E+03 | 2.58E+01 | 8.19E+00 | 5.35E+00 | 7.54E+00 | 1.72E+01 | 2.46E+00 | 3.80E-01 | -8.21E+02 |
| SM | [kg] | 4.78E-01 | 0.00E+00 | 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 | 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 | 0.00E+00 |
| FW | [m³] | 2.99E-01 | 2.01E-03 | 7.56E-03 | 9.70E-03 | 3.63E-03 | 1.37E-03 | 5.97E-03 | 8.83E-05 | -2.02E-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 = 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 0,00000000000112. | | | | | | | | | |

| WASTE CATEGORIES AND OUTPUT FLOWS PER 1 m² FG 42.76 mm | | | | | | | | | | |
|--|---|----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|
| Parameter | Unit | A1-A3 | A4 | A5 | B1-B7 | C1 | C2 | C3 | C4 | D |
| HWD | [kg] | 1.32E-07 | 8.00E-11 | -3.67E-10 | 8.94E-13 | -5.89E-10 | 5.33E-11 | -1.11E-10 | 1.02E-11 | -1.04E-07 |
| NHWD | [kg] | 7.75E+00 | 3.91E-03 | 5.14E-02 | 1.75E-02 | 5.54E-03 | 2.63E-03 | 1.92E-01 | 1.79E+00 | -8.26E+00 |
| RWD | [kg] | 2.87E-02 | 4.80E-05 | 8.19E-04 | 1.13E-05 | 1.20E-03 | 3.22E-05 | 2.76E-04 | 4.33E-06 | -2.34E-02 |
| 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 | 0.00E+00 |
| MFR | [kg] | 6.94E-01 | 0.00E+00 | 8.28E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.71E+01 | 0.00E+00 | 0.00E+00 |
| MER | [kg] | 0.00E+00 | 0.00E+00 | 1.18E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.40E-01 | 0.00E+00 | 0.00E+00 |
| EEE | [MJ] | 4.29E-02 | 0.00E+00 | 2.67E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.06E-01 | 0.00E+00 | 0.00E+00 |
| EET | [MJ] | 7.78E-02 | 0.00E+00 | 4.81E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E+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 | | | | | | | | | |
| | 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 0,00000000000112. | | | | | | | | | |

Checked and approved by

Linda Høiby
Third party verifier of MD-23093-EN

Martha Katrine Sørensen
EPD Danmark