### Material: MA\_LABEL

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Unit | MA\_UNIT | Thermal resistance (m2.K/W) | MA\_THR | Volume (m3) | MA\_VOL |
| Qty. | MA\_QTY | Heat transmission delay ∆t (h) | MA\_HTD | Biomaterials vol. (m3) | MA\_BRS\_V |
| Air qual. | MA\_AIR\_R | Heat transmission factor (%) | MA\_HTF | Wood vol. (m3) | MA\_WOOD\_V |
| Fire reaction | MA\_FIRE\_REACTION | Heat capacity (1 day) kJ/(m².K) : | MA\_AHC\_1D | Weight (kg) | MA\_WEIGHT |
| Env. data | MA\_ORIG\_ENV | Heat capacity (12 days) - kJ/(m².K) | MA\_AHC\_12D | Biomaterials weight (kg) | MA\_BRS\_W |
| Inies id. | MA\_INIES\_ID | Vapor transfer resistance factor (mu) | MA\_MU | Wood weight (m3) | MA\_WOOD\_W |

|  |  |
| --- | --- |
| Description | MA\_DESCRIPTION |
| Comment | MA\_COMMENT |
| Declarant(s) | MA\_DECLARANTS |
| Sources | MA\_SOURCES |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Life cycle analysis phases** | | **Global warming potential** | **Depletion potential of the stratospheric ozone layer** | **Eutrophication potential** | **Formation potential of tropospheric ozone photochemical oxidants** | **Non fossils abiotic depletion potential** | **Fossils abiotic depletion potential** | **Air pollution** | **Water pollution** |
| *kg CO2 éq/UF* | *kg CFC 11 éq/UF* | *kg (PO4)3- éq/UF.* | *kg ethylene éq/UF* | *kg Sb éq/UF* | *MJ/UF* | *m3/UF* | *m3/UF* |
| **Production** | **A1-A3** | **MA\_GWP\_A1\_A3** | **MA\_ODP\_A1\_A3** | **MA\_EP\_A1\_A3** | **MA\_POCP\_A1\_A3** | **MA\_ADPE\_A1\_A3** | **MA\_ADPF\_A1\_A3** | **MA\_AIP\_A1\_A3** | **MA\_WAP\_A1\_A3** |
| **Construction process stage** | **A4-A5** | **MA\_GWP\_A4\_A5** | **MA\_ODP\_A4\_A5** | **MA\_EP\_A4\_A5** | **MA\_POCP\_A4\_A5** | **MA\_ADPE\_A4\_A5** | **MA\_ADPF\_A4\_A5** | **MA\_AIP\_A4\_A5** | **MA\_WAP\_A4\_A5** |
| **Usage** | **B1-B7** | **MA\_GWP\_B1\_B7** | **MA\_ODP\_B1\_B7** | **MA\_EP\_B1\_B7** | **MA\_POCP\_B1\_B7** | **MA\_ADPE\_B1\_B7** | **MA\_ADPF\_B1\_B7** | **MA\_AIP\_B1\_B7** | **MA\_WAP\_B1\_B7** |
| **End of life** | **C1-C4** | **MA\_GWP\_C1\_C4** | **MA\_ODP\_C1\_C4** | **MA\_EP\_C1\_C4** | **MA\_POCP\_C1\_C4** | **MA\_ADPE\_C1\_C4** | **MA\_ADPF\_C1\_C4** | **MA\_AIP\_C1\_C4** | **MA\_WAP\_C1\_C4** |
| **Whole life cycle (except D)** | **WLF** | **MA\_GWP\_WLC** | **MA\_ODP\_WLC** | **MA\_EP\_WLC** | **MA\_POCP\_WLC** | **MA\_ADPE\_WLC** | **MA\_ADPF\_WLC** | **MA\_AIP\_WLC** | **MA\_WAP\_WLC** |
| **Re-use Recovery Recycling potential** | **D** | **MA\_GWP\_D** | **MA\_ODP\_D** | **MA\_EP\_D** | **MA\_POCP\_D** | **MA\_ADPE\_D** | **MA\_ADPF\_D** | **MA\_AIP\_D** | **MA\_WAP\_D** |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Life cycle analysis phases** | | **Renewable energy** | | | **Nonrenewable energy** | | | **Primary energy as energy carrier** | **Primary energy as material utilization** |
| **Renewable primary energy as energy carrier** | **Renewable primary energy as material utilization** | **Renewable primary energy** | **Nonrenewable primary energy as energy carrier** | **Nonrenewable primary energy as material utilization** | **Nonrenewable primary energy as energy carrier** |
| *MJ* | *MJ* | *MJ* | *MJ* | *MJ* | *MJ* | *MJ* | *MJ* |
| **Production** | **A1-A3** | **MA\_PERE\_A1\_A3** | **MA\_PERM\_A1\_A3** | **MA\_PERT\_A1\_A3** | **MA\_PENRE\_A1\_A3** | **MA\_PENRM\_A1\_A3** | **MA\_PENRT\_A1\_A3** | **MA\_PEE\_A1\_A3** | **MA\_PEM\_A1\_A3** |
| **Construction process stage** | **A4-A5** | **MA\_PERE\_A4\_A5** | **MA\_PERM\_A4\_A5** | **MA\_PERT\_A4\_A5** | **MA\_PENRE\_A4\_A5** | **MA\_PENRM\_A4\_A5** | **MA\_PENRT\_A4\_A5** | **MA\_PEE\_A4\_A5** | **MA\_PEM\_A4\_A5** |
| **Usage** | **B1-B7** | **MA\_PERE\_B1\_B7** | **MA\_PERM\_B1\_B7** | **MA\_PERT\_B1\_B7** | **MA\_PENRE\_B1\_B7** | **MA\_PENRM\_B1\_B7** | **MA\_PENRT\_C1\_C4** | **MA\_PEE\_C1\_C4** | **MA\_PEM\_C1\_C4** |
| **End of life** | **C1-C4** | **MA\_PERE\_C1\_C4** | **MA\_PERM\_C1\_C4** | **MA\_PERT\_C1\_C4** | **MA\_PENRE\_C1\_C4** | **MA\_PENRM\_C1\_C4** | **MA\_PENRT\_C4** | **MA\_PEE\_C4** | **MA\_PEM\_C4** |
| **Whole life cycle (except D)** | **WLC** | **MA\_PERE\_WLC** | **MA\_PERM\_WLC** | **MA\_PERT\_WLC** | **MA\_PENRE\_WLC** | **MA\_PENRM\_WLC** | **MA\_PENRT\_WLC** | **MA\_PEE\_WLC** | **MA\_PEM\_WLC** |
| **Re-use Recovery Recycling potential** | **D** | **MA\_PERE\_D** | **MA\_PERM\_D** | **MA\_PERT\_D** | **MA\_PENRE\_D** | **MA\_PENRM\_D** | **MA\_PENRT\_D** | **MA\_PEE\_D** | **MA\_PEM\_D** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Life cycle analysis phases** | | **Use of secondary material** | **Use of renewable secondary fuels** | **Use of nonrenewable secondary fuels** | **Use of net fresh water** | **Hazardous waste disposed** | **Nonhazardous waste disposed** | **Radioactive waste disposed** |
| *kg/UF* | *MJ/UF* | *MJ/UF* | *m3/UF* | *kg/UF* | *kg/UF* | *kg/UF* |
| **Production** | **A1-A3** | **MA\_SM\_A1\_A3** | **MA\_RSF\_A1\_A3** | **MA\_NRSF\_A1\_A3** | **MA\_WAC\_A1\_A3** | **MA\_HWD\_A1\_A3** | **MA\_NHWD\_A1\_A3** | **MA\_RWD\_A1\_A3** |
| **Construction process stage** | **A4-A5** | **MA\_SM\_A4\_A5** | **MA\_RSF\_A4\_A5** | **MA\_NRSF\_A4\_A5** | **MA\_WAC\_A4\_A5** | **MA\_HWD\_A4\_A5** | **MA\_NHWD\_A4\_A5** | **MA\_RWD\_A4\_A5** |
| **Usage** | **B1-B7** | **MA\_SM\_B1\_B7** | **MA\_RSF\_B1\_B7** | **MA\_NRSF\_B1\_B7** | **MA\_WAC\_B1\_B7** | **MA\_HWD\_B1\_B7** | **MA\_NHWD\_B1\_B7** | **MA\_RWD\_B1\_B7** |
| **End of life** | **C1-B4** | **MA\_SM\_C1\_C4** | **MA\_RSF\_C1\_C4** | **MA\_NRSF\_C1\_C4** | **MA\_WAC\_C1\_C4** | **MA\_HWD\_C1\_C4** | **MA\_NHWD\_C1\_C4** | **MA\_RWD\_C1\_C4** |
| **Whole life cycle (except D)** | **WLC** | **MA\_SM\_WLC** | **MA\_RSF\_WLC** | **MA\_NRSF\_WLC** | **MA\_WAC\_WLC** | **MA\_HWD\_WLC** | **MA\_NHWD\_WLC** | **MA\_RWD\_WLC** |
| **Re-use Recovery Recycling potential** | **D** | **MA\_SM\_D** | **MA\_RSF\_D** | **MA\_NRSF\_D** | **MA\_WAC\_D** | **MA\_HWD\_D** | **MA\_NHWD\_D** | **MA\_RWD\_D** |