

Order on Amending the Order on Building Regulations 2018 (BR18)

Order No 1399 of 12 December 2019 on Building Regulations 2018 (BR18), as last amended by Order No 271 of 5 March 2025, is amended as follows:

§ 1

1. *Annex 2, Table 7*, is replaced by Annex 1 to this Order.

§ 2

(1) The Order shall enter into force on 1 July 2025.

(2) The Order shall not apply to applications for building permits submitted before the entry into force of the Order.

(3) This Order shall not apply to construction works that do not require a permit if the construction work has commenced before the entry into force of this Order.

Annex 1

Table 7 – Generic data basis

This document contains the generic data basis for Modules A1–A3, C3–C4 and D, cf. Section 297(7).

For the use of the data basis, the most representative dataset of the material shall be used. In the absence of a representative dataset, data for the different sub-components shall be used. However, a calculation of the quantity of raw material may always be used where this is shown in the column Level of detail in Annex 2, Table 6.

In the case of technical installations, as an alternative to calculating the quantities used, the building owner may choose to calculate the climate impact for the building on the basis of the default values shown at the bottom of the dataset, marked with S before the figure.

For recycling, the exemptions set out at the bottom are used.

| Sorting ID | Name EN | [kg CO2 eq.] | | | | Declared factor (FU) | Declared unit (FU) | Mass factor | Mass unit |
|------------|--|------------------------------|---------------------------|------------------------------|--------------------------|----------------------|--------------------|-------------|-------------------|
| | | Global Heating, Module A1-A3 | Global Heating, Module C3 | Global Heating, Module A1-A3 | Global Heating, Module D | | | | |
| #B1318 | Cross-laminated timber, CLT (Incineration EoL) | -664 | 744 | 0 | -387 | 1 | m ³ | 470 | kg/m ³ |
| #B1325 | Coniferous structural timber, Planed (Incineration EoL) | -652 | 709 | 0 | -425 | 1 | m ³ | 536 | kg/m ³ |
| #B1332 | Coniferous structural timber, not dried or sawed (Incineration EoL) | -664 | 709 | 0 | -425 | 1 | m ³ | 644 | kg/m ³ |
| #B1339 | Glued laminated timber products of pine and spruce, (Incineration EoL) | -610 | 743 | 0 | -395 | 1 | m ³ | 500 | kg/m ³ |
| #B1346 | Cavity floor element, 22 cm, 6-10 pre-tension lines | 49.8 | 1.04 | 0.76 | -0.705 | 1 | m ² | 344.6 | kg/m ² |
| #B1350 | Cavity floor element, 32 cm, 6-10 pre-tension lines | 66.4 | 1.4 | 1.03 | -0.953 | 1 | m ² | 459.6 | kg/m ² |
| #B1354 | Cavity floor element, 32 cm, 11-17 pre-tension lines | 67.9 | 1.37 | 1 | -0.925 | 1 | m ² | 451.4 | kg/m ² |
| #B1358 | Lightweight concrete blocks, Solid | 194 | 1.6 | 1.19 | -1.1 | 1 | m ³ | 600 | kg/m ³ |
| #B1362 | Lightweight concrete blocks with white EPS insulation | 130 | 0.961 | 6.19 | -4.39 | 1 | m ³ | 375 | kg/m ³ |
| #B1366 | Lightweight concrete blocks with grey EPS insulation | 121 | 0.836 | 0.618 | -0.572 | 1 | m ³ | 327 | kg/m ³ |
| #B1370 | Structural timber | -670 | 728 | 0 | -371 | 1 | m ³ | 456 | kg/m ³ |

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|--------|---|------|-------|-------|--------|---|----------------|-------|-------------------|
| | of pine and spruce, Planed (Incineration EoL) | | | | | | | | |
| #B1377 | Sandwich element with mineral wool (Façade) | 90.6 | 1.51 | 1.25 | -1.21 | 1 | m ² | 501.8 | kg/m ² |
| #B1381 | Sandwich element with EPS (Façade) | 87.3 | 1.49 | 10.8 | -7.83 | 1 | m ² | 495.2 | kg/m ² |
| #B1385 | Concrete wall components, 15 cm thick wall with 5-15 kg reinforcement (11% cavities) | 53.1 | 0.965 | 0.7 | -0.787 | 1 | m ² | 320.9 | kg/m ² |
| #B1389 | Concrete wall components, 20 cm thick wall with 5-15 kg reinforcement (11 % cavities) | 66.9 | 1.28 | 0.93 | -1.01 | 1 | m ² | 426.4 | kg/m ² |
| #B1393 | Concrete wall components, 20 cm thick wall with 16-25 kg reinforcement (11% cavities) | 73.2 | 1.29 | 0.932 | -1.08 | 1 | m ² | 433.9 | kg/m ² |
| #B1397 | Lightweight concrete wall component, 100 mm thick wall, 10% cavities | 26.8 | 0.486 | 0.356 | -0.363 | 1 | m ² | 161.5 | kg/m ² |
| #B1401 | Lightweight concrete wall component, 150 mm thick wall, 10% cavities | 38.6 | 0.744 | 0.538 | -0.621 | 1 | m ² | 242.4 | kg/m ² |
| #B1405 | Lightweight concrete wall component, 220 mm thick wall, 10% cavities | 63 | 1.15 | 0.836 | -0.931 | 1 | m ² | 394.8 | kg/m ² |
| #B1409 | TT component/Ribbed slab, TT60 with 12-18 pcs. L12.5 lines, and 1.3-3.3 kg of non-tensioned reinforcement | 56.3 | 1 | 0.734 | -0.695 | 1 | m ² | 332.7 | kg/m ² |
| #B1413 | TT component/Ribbed slab, TT60 | 55.3 | 0.908 | 0.658 | -0.613 | 1 | m ² | 302 | kg/m ² |

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|--------|---|------|--------|--------|--------|---|----------------|-------|-------------------|
| | with 16–22 pcs. L12.5 lines, and 1–2.5 kg of non-tensioned reinforcement | | | | | | | | |
| #B1417 | TT component/Ribbed slab, TT60 with 20–28 pcs. L12.5 lines, and 2–4 kg of non-tensioned reinforcement | 57.7 | 1.01 | 0.734 | -0.711 | 1 | m ² | 335.1 | kg/m ² |
| #B1425 | Ready-mixed concrete (C20/25 SCC) in exposure classes X0 and XC1 | 215 | 6.94 | 5.13 | -4.74 | 1 | m ³ | 2212 | kg/m ³ |
| #B1433 | Ready-mixed concrete (C25/30) in exposure classes X0 and XC1 | 241 | 6.73 | 4.97 | -4.6 | 1 | m ³ | 2246 | kg/m ³ |
| #B1437 | Ready-mixed concrete C35/45 - CEM I SR-5 | 403 | 6.85 | 5.06 | -4.68 | 1 | m ³ | 2304 | kg/m ³ |
| #B1441 | Ready-mixed concrete C35/45 - CEM I | 362 | 7.07 | 5.23 | -4.84 | 1 | m ³ | 2267 | kg/m ³ |
| #B1445 | Ready-mixed concrete C35/45 (joint concrete) | 377 | 6.63 | 4.9 | -4.54 | 1 | m ³ | 2256 | kg/m ³ |
| #B1453 | Ready-mixed concrete C40/50 - CEM I SR-5 | 465 | 6.95 | 5.14 | -4.76 | 1 | m ³ | 2284 | kg/m ³ |
| #B1461 | Ready-mixed concrete C40/50 - CEM I | 429 | 6.77 | 5 | -4.63 | 1 | m ³ | 2267 | kg/m ³ |
| #B1469 | Ready-mixed concrete C45/55 | 426 | 6.75 | 4.99 | -4.62 | 1 | m ³ | 2229 | kg/m ³ |
| #B1477 | Ready-mixed concrete C30/37 | 282 | 6.72 | 4.97 | -4.6 | 1 | m ³ | 2255 | kg/m ³ |
| #B1485 | Ready-mixed concrete C30/37 SCC | 300 | 6.54 | 4.83 | -4.47 | 1 | m ³ | 2254 | kg/m ³ |
| #B1489 | Structural timber of pine and spruce, Sawed and dried (Incineration EoL) | -680 | 728 | 0 | -371 | 1 | m ³ | 456 | kg/m ³ |
| #B1496 | Plywood, untreated (Incineration EoL) | -599 | 743 | 0 | -391 | 1 | m ³ | 480 | kg/m ³ |
| #B1632 | Circular ventilation ducts made of | 3.82 | 0.0535 | 0.0012 | -1.49 | 1 | kg | 1 | kg/kg |

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|--------|--|---------|-------------|-------------|----------|---|----------------|-------------|-------------------|
| | galvanised steel | | | | | | | | |
| #B1633 | Rectangular ventilation ducts made of galvanised steel | 4.1 | 0.0535 | 0.0012 | -1.48 | 1 | kg | 1 | kg/kg |
| #B1637 | Ventilation units (AHU), 3000m ³ /h | 3540 | 32.5 | 2.33 | -1680 | 1 | stk | 656.79 | kg/stk. |
| #B1638 | Ventilation units (AHU), 15000m ³ /h | 9210 | 81.3 | 7.68 | -4310 | 1 | stk | 1710.14 | kg/stk. |
| #D1497 | Roof tiles, tiles, red | 309.1 | 0.7843 | 0.1551 | -3.978 | 1 | tonne | 52.5 | kg/m ² |
| #D1498 | Roof tiles, bricks, not red | 515.9 | 0.7843 | 0.1551 | -3.978 | 1 | tonne | 52.5 | kg/m ² |
| #D1499 | Roof tiles, bricks, double-fired | 487.3 | 0.7843 | 0.1551 | -3.978 | 1 | tonne | 52.5 | kg/m ² |
| #D1500 | Roof tiles, concrete | 10.032 | 0.1353 | 0.09999 | -0.07569 | 1 | m ² | 39.1 | kg/m ² |
| #D1501 | Roofing felt, top layer + underlayer | 5.687 | 26.51 | 0.011 | -8.271 | 1 | m ² | 12.76428571 | kg/m ² |
| #D1502 | Roofing felt, top layer | 3.157 | 14.52 | 0.04807 | -0.7605 | 1 | m ² | 5.05 | kg/m ² |
| #D1503 | Roofing felt, underlayer | 2.42 | 8.019 | 0.03509 | -0.4725 | 1 | m ² | 3.8 | kg/m ² |
| #D1504 | Roofing felt, vapour and flame barrier | 1.1 | 6.787 | 0.002816 | -1.296 | 1 | m ² | 2.965 | kg/m ² |
| #D1505 | Fibre cement, corrugated sheet | 901.351 | 0 | 17.41071162 | 0 | 1 | tonne | 1590 | kg/m ³ |
| #D1506 | Roofing underlay, PP membrane | 0.891 | 0.8261 | 0 | -0.3087 | 1 | m ² | 0.25425 | kg/m ² |
| #D1507 | Bricks, red | 217.525 | 3.432 | 0.1716 | -2.376 | 1 | tonne | 1800 | kg/m ³ |
| #D1508 | Bricks, yellow, rose, brown or similar shades | 265.375 | 3.432 | 0.1716 | -2.376 | 1 | tonne | 1800 | kg/m ³ |
| #D1509 | Bricks, double-fired | 521.125 | 3.432 | 0.1716 | -2.619 | 1 | tonne | 1825 | kg/m ³ |
| #D1511 | Lime sandstone | 229.9 | 2.75 | 15.4 | -4.041 | 1 | tonne | 1800 | kg/m ³ |
| #D1512 | Aerated concrete | 243.1 | 7.051 | 6.479 | -1.377 | 1 | m ³ | 545 | kg/m ³ |
| #D1513 | Aerated concrete, insulation board | 108.24 | 1.487825688 | 1.36712844 | -11.16 | 1 | m ³ | 115 | kg/m ³ |
| #D1514 | Fibre cement board | 12.87 | 0 | 0.2486 | 0 | 1 | m ² | 14.4 | kg/m ² |
| #D1515 | Plasterboard, standard | 1.727 | 0.407 | 0.3685 | -0.00603 | 1 | m ² | 9.1 | kg/m ² |
| #D1516 | Plasterboard, lightweight | 1.353 | 0.0407 | 0.5181 | -0.1494 | 1 | m ² | 7.9 | kg/m ² |
| #D1517 | Plasterboard, wet room | 3.498 | 0.05401 | 0.6864 | -0.2052 | 1 | m ² | 10.5 | kg/m ² |

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|--------|---|---------|---------|-----------|----------|---|--|-------|-------------------|
| #D1518 | Plasterboard, glass fibre reinforced | 2.739 | 0.07359 | 0.9867 | -0.1917 | 1 | m ² | 12.2 | kg/m ² |
| #D1519 | Plasterboard, acoustic | 2.585 | 0.05258 | 1.144 | -0.2313 | 1 | m ² | 10.6 | kg/m ² |
| #D1520 | Plasterboard, wind barrier | 1.837 | 0.03685 | 0.561 | -0.1665 | 1 | m ² | 7.5 | kg/m ² |
| #D1521 | Plasterboard, fire-resistant | 3.894 | 0.143 | 0.561 | -0.02079 | 1 | m ² | 12.7 | kg/m ² |
| #D1522 | Acoustic panel, wood wool cement, unpainted | 1.65825 | 0 | 11.11 | -0.5013 | 1 | m ² | 459.5 | kg/m ³ |
| #D1523 | Acoustic panel, wood wool cement, painted | 2.1835 | 0 | 11 | -0.4986 | 1 | m ² | 470.5 | kg/m ³ |
| #D1524 | Acoustic panel, wooden strips on felt | 24.937 | 14.19 | 0 | -1.8 | 1 | m ² | 8.65 | kg/m ² |
| #D1525 | Acoustic panel, glass wool, textile, 20 mm | 9.955 | 0 | 0.03608 | -0.1809 | 1 | m ² | 154 | kg/m ³ |
| #D1526 | Acoustic panel, glass wool, textile, 40 mm | 13.2 | 0 | 0.03608 | -0.1809 | 1 | m ² | 126 | kg/m ³ |
| #D1527 | Glass walls including installation, thickness less than 15 mm | 52.36 | 2.673 | 0.01584 | -26.46 | 1 | m ² | 30.7 | kg/m ² |
| #D1528 | Glass walls including installation, thickness 15 to 19 mm | 69.52 | 5.324 | 0.001958 | -34.02 | 1 | m ² | 41.7 | kg/m ² |
| #D1529 | Glass walls including installation, thickness 20 to 25 mm | 81.84 | 5.016 | 0.002101 | -40.77 | 1 | m ² | 50.9 | kg/m ² |
| #D1530 | Glass walls including installation, thickness 26 to 45 mm | 95.7 | 2.684 | 0.03025 | -48.87 | 1 | m ² | 59.8 | kg/m ² |
| #D1531 | Fibreboard, wind barrier | 0.187 | 0.3322 | 0.0004543 | -0.1233 | 1 | kg | 255 | kg/m ³ |
| #D1532 | Mineral wool, flexible insulation, class 30 | 1.551 | 0 | 0.03102 | 0 | 1 | m ² with R=1 m ² K/W | 60 | kg/m ³ |
| #D1533 | Mineral wool, flexible insulation, class 32 | 1.09395 | 0 | 0.01485 | 0 | 1 | m ² with R=1 m ² K/W | 28.5 | kg/m ³ |

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|--------|---|-------------|-------------|-----------------|----------------------|---|--|-------|-------------------|
| #D1534 | Mineral wool, hard insulation, class 34 | 0.7817 7 | 0 | 0.0394 68 | - 0.0528 3 | 1 | m ² with R=1 m ² K/W | 27.75 | kg/m ³ |
| #D1535 | Mineral wool, flexible insulation, class 37 | 0.5901 5 | 0 | 0.0180 4 | - 0.0232 2 | 1 | m ² with R=1 m ² K/W | 29.75 | kg/m ³ |
| #D1536 | Mineral wool, hard insulation, class 34 | 1.243 | 0 | 0.0534 6 | - 0.0655 2 | 1 | m ² with R=1 m ² K/W | 60 | kg/m ³ |
| #D1537 | Mineral wool, hard insulation, class 37 | 1.5015 | 0 | 0.0165 165 | - 0.0487 62 | 1 | m ² with R=1 m ² K/W | 30 | kg/m ³ |
| #D1538 | Mineral wool, wall batts, class 30 | 1.562 | 0 | 0.0310 2 | 0 | 1 | m ² with R=1 m ² K/W | 60 | kg/m ³ |
| #D1539 | Mineral wool, wall batts, class 32 | 0.8151 | 0 | 0.0315 59 | - 0.0444 6 | 1 | m ² with R=1 m ² K/W | 49.5 | kg/m ³ |
| #D1540 | Mineral wool, wall batts, class 34 | 0.5951 | 0 | 0.0210 1 | - 0.0296 1 | 1 | m ² with R=1 m ² K/W | 36.45 | kg/m ³ |
| #D1541 | Mineral wool, wall batts, class 37 | 0.5511 | 0 | 0.0182 71 | - 0.0257 4 | 1 | m ² with R=1 m ² K/W | 29 | kg/m ³ |
| #D1542 | Mineral wool, exterior façade, class 40 | 4.3043 | 0.0460 9 | 0.0473 473 | - 0.0749 7 | 1 | m ² with R=1 m ² K/W | 78.25 | kg/m ³ |
| #D1543 | Mineral wool, granulate, class 32 | 1.0439 | 0 | 0.0575 575 | 0 | 1 | m ² with R=1 m ² K/W | 30 | kg/m ³ |
| #D1544 | Mineral wool, granulate, class 34 | 0.8970 5 | 0 | 0.0049 28 | 0 | 1 | m ² with R=1 m ² K/W | 25 | kg/m ³ |
| #D1545 | Mineral wool, granulate, class 37 | 0.726 | 0 | 0.0040 04 | 0 | 1 | m ² with R=1 m ² K/W | 17 | kg/m ³ |
| #D1546 | Mineral wool, granulate, class 42 | 0.8536 | 0 | 0.0173 8 | - 0.0241 2 | 1 | m ² with R=1 m ² K/W | 26.5 | kg/m ³ |
| #D1547 | Mineral wool, flat roof, top plate | 5.456 | 0 | 0.1080 2 | - 0.1656 | 1 | m ² with R=1 m ² K/W | 172.5 | kg/m ³ |
| #D1548 | Mineral wool, flat roof, class 33–35 | 2.97 | 0 | 0.0653 4 | 0 | 1 | m ² with R=1 m ² K/W | 115 | kg/m ³ |
| #D1549 | Mineral wool, flat roof, class 36–39 | 2.343 | 0 | 0.0743 09353 | - 0.0718 47458 | 1 | m ² with R=1 m ² K/W | 78 | kg/m ³ |
| #D1550 | Mineral wool, ground floor slab, class 35 | 4.719 | 0 | 0.0519 09 | - 0.1532 52 | 1 | m ² with R=1 m ² K/W | 100 | kg/m ³ |
| #D1551 | Mineral wool, ground floor slab, class 37 | 1.441 | 0 | 0.0556 6 | - 0.0782 1 | 1 | m ² with R=1 m ² K/W | 100 | kg/m ³ |
| #D1552 | Mineral wool, | 1.947 | 0 | 0.0293 | 0 | 1 | m ² with | 43.75 | kg/m ³ |

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|--------|---|-----------------|-----------------|-----------------|----------------------|---|--|-------------|-------------------|
| | technical insulation | | | 7 | | | R=1 m ² K/W | | |
| #D1553 | Mineral wool, acoustic insulation | 4.4759 | 0 | 0.0492 349 | - 0.1453 572 | 1 | m ² with R=1 m ² K/W | 85 | kg/m ³ |
| #D1554 | Mineral wool, impact sound panel | 8.0938 | 0 | 0.0917 4 | - 0.1287 | 1 | m ² with R=1 m ² K/W | 149 | kg/m ³ |
| #D1555 | Mineral wool, technical pipe insulation, aluminium foil | 0.9801 | 0 | 0.0459 8 | 0 | 1 | m ² with R=1 m ² K/W | 75 | kg/m ³ |
| #D1556 | EPS insulation, white, 60 kPa | 2.5095 4 | 1.87 | 0.0000 9108 | - 0.0871 2 | 1 | m ² with R=1 m ² K/W | 13.25 | kg/m ³ |
| #D1557 | EPS insulation, white, 80 kPa | 2.6823 5 | 2.024 | 0.0000 9878 | - 0.0945 | 1 | m ² with R=1 m ² K/W | 15 | kg/m ³ |
| #D1558 | EPS insulation, white, over 80 kPa | 4.5609 85 | 6.6946 | 0.0002 299 | - 0.1062 | 1 | m ² with R=1 m ² K/W | 37 | kg/m ³ |
| #D1559 | EPS insulation, grey, 30 kPa | 0.8624 | 1.3084 | 0.0000 23532 | - 0.3502 8 | 1 | m ² with R=1 m ² K/W | 11.2 | kg/m ³ |
| #D1560 | EPS insulation, grey, 60 kPa | 1.518 | 1.507 | 0.0000 27104 | - 0.0415 8 | 1 | m ² with R=1 m ² K/W | 12.9 | kg/m ³ |
| #D1561 | EPS insulation, grey, 80 kPa | 2.4213 2 | 1.738 | 0.0000 8481 | - 0.0459 9 | 1 | m ² with R=1 m ² K/W | 16 | kg/m ³ |
| #D1565 | XPS insulation, 300 kPa | 4.4264 | 3.806 | 0.0132 | - 0.0140 4 | 1 | m ² with R=1 m ² K/W | 32.62 5 | kg/m ³ |
| #D1566 | PIR insulation | 2.1816 66667 | 1.6477 08333 | 0 | - 0.5300 91743 | 1 | m ² with R=1 m ² K/W | 30 | kg/m ³ |
| #D1567 | Phenolic foam, board | 1.7854 73684 | 1.7901 05263 | 0 | - 0.5816 84211 | 1 | m ² with R=1 m ² K/W | 35 | kg/m ³ |
| #D1568 | PU joint foam | 1.98 | 2.717 | 0 | - 0.6525 | 1 | kg | 1.8 | g/cm ³ |
| #D1569 | Perlite, granulate | 22.99 | 0.6633 | 0 | -7.074 | 1 | m ³ | 85 | kg/m ³ |
| #D1571 | Cement 42.5 MPa | 1017.5 | 0 | 0 | 0 | 1 | tonne | 3100 | kg/m ³ |
| #D1572 | Cement 52.5 MPa | 1144 | 0 | 0 | 0 | 1 | tonne | 3100 | kg/m ³ |
| #D1573 | Masonry mortar, dry, lime-cement (KC) | 366.3 | 2.981 | 19.69 | -1.818 | 1 | tonne | 1660 | kg/m ³ |
| #D1574 | Masonry mortar, wet, lime-cement (LC) | 172.15 | 2.981 | 0.1595 | -1.818 | 1 | tonne | 1783. 75 | kg/m ³ |
| #D1575 | Plaster mortar, dry, lime-cement (LC) | 491.7 | 0.7128 | 5.808 | -1.881 | 1 | tonne | 1600 | kg/m ³ |
| #D1576 | Function mortar, | 195.25 | 0.9999 | 0.9031 | -1.845 | 1 | tonne | 1344 | kg/m ³ |

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|--------|---|-------------|--------|-------------|------------------|---|----------------|------------|-------------------------------|
| | dry | | | | | | | | |
| #D1577 | Function mortar, wet | 162.8 | 2.981 | 0.1595 | -1.818 | 1 | tonne | 1820 | kg/m ³ |
| #D1578 | Element joint mortar, dry, cement | 433.4 | 0.9999 | 0.9042 | -1.845 | 1 | tonne | 2150 | kg/m ³ |
| #D1579 | Tray mortar, lime-adjusted wet mortar | 75.57 | 2.981 | 0.1595 | -1.818 | 1 | tonne | 1760 | kg/m ³ |
| #D1580 | Lime mortar (Kh, KKh) | 273.9 | 2.981 | 0.9042 | -1.818 | 1 | tonne | 1850 | kg/m ³ |
| #D1581 | Fibre render, cement | 445.5 | 0 | 5.808 | 0 | 1 | tonne | 1400 | kg/m ³ |
| #D1582 | Mortar, tile adhesives | 1.496 | 0.4719 | 0.0188 1 | - 0.0314 1 | 1 | kg | 1700 | kg/m ³ |
| #D1583 | Float mortar, floor filler | 331.1 | 0.275 | 18.81 | -3.213 | 1 | tonne | 1.762 5 | kg/ m ² / mm |
| #D1584 | Casting compounds | 0.6138 | 0 | 0.0188 1 | - 0.0315 | 1 | kg | 1700 | kg/m ³ |
| #D1585 | Tile joint | 1.496 | 0.4719 | 0.0188 1 | - 0.0315 | 1 | kg | 2300 | kg/m ³ |
| #D1586 | Sealant, Silicone | 5.896 | 0.4719 | 0 | - 0.5607 | 1 | kg | 1.5 | g/cm ³ |
| #D1587 | Wet room membrane | 1.496 | 0.4719 | 0 | - 0.3573 | 1 | kg | 1500 | kg/m ³ |
| #D1588 | Primers and binders | 2.904 | 0.4719 | 0 | - 0.3078 | 1 | kg | 1500 | kg/m ³ |
| #D1589 | Mounting adhesive | 1.496 | 0.4719 | 0 | - 0.3573 | 1 | kg | 1500 | kg/m ³ |
| #D1590 | Reinforced steel | 1144 | 0 | 0 | 110.7 | 1 | tonne | 7850 | kg/m ³ |
| #D1591 | Structural steel, rolled profiles, minor processing | 1639 | 52.58 | 45.87 | -284.4 | 1 | tonne | 7850 | kg/m ³ |
| #D1592 | Structural steel, welded steel profiles, extensive processing | 2191.7 5 | 46.53 | 45.87 | -18.72 | 1 | tonne | 7850 | kg/m ³ |
| #D1593 | Structural steel, pipe profiles | 2849 | 2.024 | 0.1595 | -1188 | 1 | tonne | 7850 | kg/m ³ |
| #D1594 | Light steel profiles and components | 4125 | 24.2 | 0.9449 | -1503 | 1 | tonne | 7850 | kg/m ³ |
| #D1595 | Steel, plate | 3432 | 2.728 | 0 | -1737 | 1 | tonne | 7850 | kg/m ³ |
| #D1597 | Light expanded clay aggregate, expanded clay, exclay | 119.31 7 | 0 | 0.6435 | -48.33 | 1 | m ³ | 0.285 | ton/ m ³ |
| #D1598 | Light expanded clay aggregate, expanded clay, coated, exclay | 102.74 | 0 | 0.5522 | -41.4 | 1 | m ³ | 0.245 | ton/ m ³ |
| #D1599 | Concrete paving stones | 28.27 | 0.7392 | 0.5467 | - 0.2376 | 1 | m ² | 180 | kg/m ² |

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|--------|---|------------------|-----------------|--------------------|----------------------|---|---------------------|---------------------|--------------------|
| #D1601 | Epoxy floor system | 6.391 | 0.5907 | 0 | -0.135 | 1 | kg | 2.25 | kg/dm ³ |
| #D1602 | Vinyl | 23.249 05 | 0 | 0.2937 | 0 | 1 | m ² | 2.7 | kg/m ² |
| #D1603 | District heating systems | 4.6553 3836 | 0.2396 20707 | 0.0354 35939 | - 0.5015 95214 | 1 | kg | 23.2 | kg/stk. |
| #D1604 | Solar panel, monocrystalline | 174.9 | 3.553 | 0.0795 3 | -13.1 | 1 | m ² | 19 | kg/m ² |
| #D1605 | Solar panel, polycrystalline | 51.691 2 | 3.8332 8 | 0 | - 15.348 96 | 1 | m ² | 13.96 7611 34 | kg/m ² |
| #D1606 | Solar panel, thin film | 14.045 9 | 2.354 | 0.0162 47 | - 2.8413 | 1 | m ² | 2.994 8356 35 | kg/m ² |
| #D1607 | Sunlight protection, screen | 42.68 | 0.3806 | 0.0345 4 | -14.76 | 1 | m ² | 5.492 5 | kg/m ² |
| #D1608 | PEX pipes, process water, pipe-in-pipe, 12 mm | 0.6040 98 | 0.5381 64 | 0.0003 51054 | - 0.0256 608 | 1 | m (12 mm) | 0.162 | kg/m |
| #D1609 | PEX pipes, process water, pipe-in-pipe, 15 mm | 0.7458 | 0.6644 | 0.0004 334 | - 0.0316 8 | 1 | m (15 mm) | 0.2 | kg/m |
| #D1610 | PEX pipes, process water, pipe-in-pipe, 18 mm | 0.7756 32 | 0.6909 76 | 0.0004 50736 | - 0.0329 472 | 1 | m (18 mm) | 0.208 | kg/m |
| #D1611 | PEX pipes, process water, pipe-in-pipe, 22 mm | 1.1187 | 0.9966 | 0.0006 501 | - 0.0475 2 | 1 | m (22 mm) | 0.3 | kg/m |
| #D1612 | PEX pipe, underfloor heating, 16 mm | 0.3417 15 | 0.3620 98 | 0.0002 35004 | - 0.0172 656 | 1 | m (16 mm) | 0.109 | kg/m |
| #D1613 | PEX pipe, underfloor heating, 20 mm | 0.4138 2 | 0.4385 04 | 0.0002 84592 | - 0.0209 088 | 1 | m (20 mm) | 0.132 | kg/m |
| #D1614 | Concrete pipes, non-reinforced | 141.9 | 3.7103 81323 | 2.7441 36187 | - 1.1926 22568 | 1 | m | 696 | kg/m |
| #D1615 | Sand trap well | 312.4 | 0 | 0 | 0 | 1 | unit Ø1000 mm | 1590 | kg/stk. |
| #D1616 | Gutter, steel | 7.0766 66667 | 0 | - 0.0000 561 | -0.702 | 1 | m | 2.24 | kg/m |
| #D1617 | Acoustic panel, eelgrass | - 3.2270 4 | 8.2896 | 0 | - 1.5206 4 | 1 | m ² | 137 | kg/m ³ |
| #D1618 | Acoustic panel, eelgrass, fire-retardant | - 1.5724 8 | 7.6032 | 0 | - 1.3737 6 | 1 | m ² | 137 | kg/m ³ |
| #D1619 | Acoustic panel, | - | 453.2 | 23.76 | -131.4 | 1 | m ³ | 280 | kg/m ³ |

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|--------|--|--------------|-------------|-------------|--------------|---|--|-------|-------------------|
| | straw | 135.126 | | | | | | | |
| #D1620 | Insulation board, hemp | -0.81918 | 3.19308 | 0.07667 | 0.94833 | 1 | m ² with R=1 m ² K/W | 35 | kg/m ³ |
| #D1621 | Insulation board, cork | -7.128 | 11.3936355 | 0 | -3.195528222 | 1 | m ² with R=1 m ² K/W | 115 | kg/m ³ |
| #D1622 | Insulation board, grass | -1.826161943 | 3.905668016 | 0.157651822 | -0.6048583 | 1 | m ² with R=1 m ² K/W | 40 | kg/m ³ |
| #D1623 | Paper wool insulation, granulate | -1.19097 | 1.782 | 0 | -0.4275 | 1 | kg | 43.75 | kg/m ³ |
| #D1624 | Slag gravel | -8.973 | 0 | 0 | 0 | 1 | tonne | 2700 | kg/m ³ |
| #D1625 | Straw roof | -139.5 | 95.04 | 0 | -9.09 | 1 | m ³ | 103.3 | kg/m ³ |
| #D1626 | Wood fibre insulation, loose wool | -1.026 | 2.44112 | 0.0003718 | -0.1269 | 1 | m ² with R=1 m ² K/W | 36.75 | kg/m ³ |
| #D1627 | Wood fibre insulation, board | -2.142 | 3.223 | 0.0002739 | -0.1818 | 1 | m ² with R=1 m ² K/W | 50 | kg/m ³ |
| #D1628 | Wood fibre insulation, board, pressure-resistant | -166.5 | 0 | 244.2 | -94.5 | 1 | m ³ | 140 | kg/m ³ |
| #D1629 | Wood fibreboard, impact sound, thickness 30 - 40 mm | -1.899 | 16.72 | 0.00209 | -0.954 | 1 | m ² | 250 | kg/m ³ |
| #D1630 | Wood flooring, untreated, 13 mm | -7.533 | 18.15 | 0 | -0.7047 | 1 | m ² | 650 | kg/m ³ |
| #D1631 | Wood flooring, surface treated, 18 mm | -10.35 | 33.44 | 0 | -2.475 | 1 | m ² | 790 | kg/m ³ |
| #D1632 | Plastic window in rigid PVC with steel inserts in the profile and triple glazing | 101.233 | 10.879 | 0.5368 | -23.2 | 1 | m ² | 38.7 | kg/m ² |
| #D1633 | Plastic window with fibreglass-reinforced profile (FRP) and triple glazing | 87.164 | 8.371 | 0.5324 | -15.4 | 1 | m ² | 35.1 | kg/m ² |
| #D1634 | Wood-aluminium window with triple glazing | 90.585 | 20.68 | 1.199 | -29.1 | 1 | m ² | 36.4 | kg/m ² |
| #D1635 | Wooden window with triple glazing | 51.667 | 20.79 | 1.419 | -17.5 | 1 | m ² | 34.2 | kg/m ² |
| #G0000 | Cellular glass insulation | 1.45 | 0.002738 | 0.01529 | -0.2004 | 1 | kg | 165 | kg/m ³ |

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|--------|---|-----------------|-----------------|-----------------|----------------------|---|----------------|-------|-------------------|
| | 165 kg/m ³ | | | | | | | | |
| #G0008 | Carpet tile | 5.082 | 4.782 | 0.3048 | - 0.3668 | 1 | m ² | 4.345 | kg/m ² |
| #G0015 | Zinc, patinated | 3.222 | 0.0572 6 | 0.0002 639 | -2.498 | 1 | kg | 7200 | kg/m ³ |
| #G0085 | Cellular glass insulation 110 kg/m ³ | 1.43 | 0.0024 1 | 0.0153 | - 0.1773 | 1 | kg | 115 | kg/m ³ |
| #G0092 | Surface, façade paint, primer, dispersion | 0.8773 13719 | 0 | 0.0160 92732 | - 0.0046 66847 | 1 | kg | 1 | kg/kg |
| #G0095 | Pipes for electric heat pump (water-water) 70 kW | 410.68 16959 | 0 | 0.0158 40932 | - 23.374 68647 | 1 | unit | 123 | kg/ unit |
| #G0098 | Gypsum | 0.0021 56219 | 0 | 0.0160 92732 | 0 | 1 | kg | 1 | kg/kg |
| #G0100 | Box fan 3, 000 m 3/h | 845.76 76444 | 11.722 17861 | 0.2619 54061 | - 410.61 68262 | 1 | units | 168 | kg/ unit |
| #G0104 | Heat pump, geothermal probe, 70 kW | 6069.9 58795 | 11.352 67876 | 0.1928 10296 | - 217.57 35333 | 1 | units | 4855 | kg/ unit |
| #G0108 | Non-woven glass fibre | 0.2741 66343 | 0 | 0.0021 12124 | 0 | 1 | m ² | 0.12 | kg/m ² |
| #G0111 | Curtain wall façade with triple glazing, steel | 95.928 58073 | 6.2130 03866 | 0.4505 96485 | - 13.954 59548 | 1 | m ² | 21.4 | kg/m ² |
| #G0115 | Lava stone | 0.0038 74998 | 0 | 0 | 0 | 1 | kg | 1100 | kg/m ³ |
| #G0119 | Pipes, drain pipes, PVC | 2.5945 41158 | 2.2829 03614 | 0 | - 0.5581 43172 | 1 | kg | 1 | kg/kg |
| #G0127 | Teflon membrane, polytetrafluoroethylene (PTFE) | 20.083 22289 | 0.3642 96875 | 0 | - 0.1060 92317 | 1 | kg | 2200 | kg/m ³ |
| #G0130 | Decentralised ventilation installation with heat recovery (wall & ceiling) 60 m ³ /h | 25.167 72969 | 4.4734 17164 | 0.0654 44006 | - 9.0274 47072 | 1 | units | 3.691 | kg/ unit |
| #G0134 | Heat pump (air water) 7 kW | 319.36 25625 | 20.372 06097 | 3.5857 06855 | - 134.56 93181 | 1 | units | 93.8 | kg/ unit |
| #G0138 | Gypsum, beta-half hydrate | 0.1006 82742 | 0 | 0.0160 92732 | 0 | 1 | kg | 1 | kg/kg |
| #G0140 | Underfloor heating system including insulation, PEX (100 mm spacing) | 6.1331 19259 | 6.6745 7876 | 0.0033 44197 | - 2.1318 50239 | 1 | m ² | 1.9 | kg/m ² |
| #G0143 | Surface, Anodising of | 5.4903 37225 | 0 | 0 | 0 | 1 | m ² | 1 | kg/m ² |

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|--------|---|-----------------|-----------------|-----------------|----------------------|---|----------------|------|-------------------|
| | aluminium plate | | | | | | | | |
| #G0144 | Surface, Powder coating (Industry, exterior, white) | 4.5430 01674 | 1.0469 80188 | 0 | - 0.2701 38918 | 1 | kg | 1 | kg/kg |
| #G0147 | Fittings, steel window | 9.6760 78193 | 0 | 0 | - 4.7948 22978 | 1 | units | 2.63 | kg/ unit |
| #G0149 | Screed, hard plastic | 0.3154 1417 | 0 | 0.0176 01035 | 0 | 1 | kg | 1800 | kg/m ³ |
| #G0151 | Box fan 10,000 m 3/h | 342.63 16608 | 4.7488 2713 | 0.1063 38765 | - 166.61 6842 | 1 | unit | 68 | kg/ unit |
| #G0158 | Gravel 2-32 mm, dried | 0.0328 37115 | 0.0073 91965 | 0 | - 0.0014 43231 | 1 | kg | 1850 | kg/m ³ |
| #G0161 | Polystyrene foam filling (without binder) | 48.969 15573 | 55.381 49307 | 0 | - 19.415 09579 | 1 | m ³ | 15 | kg/m ³ |
| #G0164 | Oil boiler, low temperature, 20-120 kW | 1207.8 55138 | 17.722 4062 | 2.3191 91157 | - 184.51 98397 | 1 | unit | 354 | kg/ unit |
| #G0164 | Oil boiler, low temperature, condensing, 20-120 kW | 1207.8 55138 | 17.722 4062 | 2.3191 91157 | - 184.51 98397 | 1 | unit | 354 | kg/ unit |
| #G0173 | Expanded glass granulate | 0.6599 02518 | 0 | 0 | 0 | 1 | kg | 1 | kg/kg |
| #G0174 | Pipes, sewage pipes PVC | 2.5945 41158 | 2.2829 03614 | 0 | - 0.5581 43172 | 1 | kg | 1 | kg/kg |
| #G0177 | Gas boiler, condensing, < 20 kW | 414.31 70986 | 8.5716 09161 | 0.8910 70006 | - 51.794 67401 | 1 | unit | 118 | kg/ unit |
| #G0181 | EPDM foam (pipe insulation) | 231.75 14565 | 137.84 67837 | 0.0885 10024 | - 47.806 69449 | 1 | m ³ | 55 | kg/m ³ |
| #G0184 | Window sill, aluminium | 15.789 47442 | 0.6925 185 | 0 | - 8.7508 83474 | 1 | m | 1.43 | kg/m |
| #G0187 | Stoker stove 20-120 kW | 2203.0 29928 | 0 | 7.5743 7591 | - 831.74 92603 | 1 | unit | 921 | kg/ unit |
| #G0193 | Gravel 16/32 (dried) | 0.0273 18428 | 0.0067 65925 | 0 | - 0.0015 7462 | 1 | kg | 1400 | kg/m ³ |
| #G0199 | District heating systems | 4.5423 53147 | 0.1886 24427 | 0.0119 832 | - 1.0213 58591 | 1 | kg | 1 | kg/kg |
| #G0203 | Grey cast iron | 1.5356 95202 | 0 | 0 | 0.1203 89134 | 1 | kg | 1 | kg/kg |
| #G0206 | Brass | 1.2957 37058 | 0 | 0 | 0.0136 9198 | 1 | kg | 8750 | kg/m ³ |
| #G0207 | Pipes, rainwater pipes, PVC | 2.2439 15844 | 2.2829 03614 | 0 | - 0.5581 43172 | 1 | kg | 1 | kg/kg |

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|--------|--|----------------------|-----------------|-----------------|----------------------|---|----------------|-----------|-------------------|
| #G0210 | Window, double-glazing | 36.641 406 | 1.5196 75204 | 0.3520 20706 | - 0.4441 07374 | 1 | m ² | 20.5 | kg/m ² |
| #G0214 | Base/surface course, Asphalt | 0.0797 79799 | 0 | 0 | - 0.0170 09508 | 1 | kg | 1 | kg/kg |
| #G0217 | Lime plaster | 397.70 8601 | 0 | 28.966 91691 | 0 | 1 | m ³ | 1800 | kg/m ³ |
| #G0219 | Pipes for electric heat pump (vertical geothermal, salt water), probe, 10 kW | 595.82 83225 | 0 | 0 | 0 | 1 | unit | 188.8 | kg/ unit |
| #G0221 | Wood, larch | - 902.76 36607 | 1206.5 77502 | 0 | - 369.48 17327 | 1 | m ³ | 660.8 | kg/m ³ |
| #G0224 | Pipes for electric heat pump (vertical geothermal, salt water), probe, 20 kW | 1749.2 09938 | 0 | 0 | 0 | 1 | unit | 551.5 | kg/ unit |
| #G0226 | Surface, Powder coating of metal | 3.7661 57718 | 0.2055 8173 | 0 | - 0.0446 08621 | 1 | m ² | 0.18 | kg/m ² |
| #G0229 | Surface, wooden windows, white primer | 1.8930 3595 | 0.7855 64361 | 0 | - 0.2050 54283 | 1 | kg | 1 | kg/kg |
| #G0235 | Lead plates | 1.2516 17071 | 0 | 0 | 1.5847 44991 | 1 | kg | 1134 2 | kg/m ³ |
| #G0239 | Buffer tank, stainless steel | 3.9966 87408 | 0.5723 41026 | 0.0008 80052 | - 1.0611 53949 | 1 | kg | 1 | kg/kg |
| #G0242 | Aerated concrete 474 kg/m ³ , reinforced | 261.96 0345 | 3.3810 67849 | 0 | 3.4616 05195 | 1 | m ³ | 500 | kg/m ³ |
| #G0245 | Façade tiles | 532.86 1846 | 13.531 84923 | 0 | - 3.1492 39258 | 1 | m ³ | 2000 | kg/m ³ |
| #G0248 | Lime, painted | 1.4623 13398 | 0 | 0 | 0 | 1 | kg | 1 | kg/kg |
| #G0252 | Difluormethane (R32) | 4.8267 61252 | 0 | 0 | - 3.9977 77358 | 1 | kg | 1 | kg/kg |
| #G0253 | Gas heat pump (air) 20-70 kW | 344.78 4068 | 10.267 23513 | 7.5295 51002 | - 171.29 88791 | 1 | unit | 157 | kg/ unit |
| #G0257 | Gas boiler, condensing, 120-400 kW | 2643.1 3589 | 66.894 7526 | 3.2651 64797 | - 417.11 44182 | 1 | unit | 937 | kg/ unit |
| #G0261 | Paper wool boards | - 1.1735 75334 | 148.03 14736 | 0 | - 30.769 32803 | 1 | m ³ | 80 | kg/m ³ |
| #G0270 | Artificial stone tiles (bound with | 26.138 31961 | 0.3843 82164 | 0 | - 0.0750 | 1 | m ² | 52 | kg/m ² |

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|--------|--|-----------------|-----------------|-----------------|----------------------|---|----------------|-------|-------------------|
| | epoxy resin) | | | | 48007 | | | | |
| #G0273 | Elevator (basic components per unit) | 5073.7 35371 | 24.205 95327 | 11.178 5371 | - 1236.8 26786 | 1 | unit | 1603 | kg/ unit |
| #G0284 | Sanitary ceramics | 2.6864 01566 | 0 | 0.0176 01035 | 0 | 1 | kg | 1 | kg/kg |
| #G0289 | Ventilation system local (wall & ceiling) 60 m ³ /h | 3.8928 5056 | 1.2930 57538 | 0.0236 13365 | - 1.0057 91627 | 1 | unit | 0.878 | kg/ unit |
| #G0296 | Radiator, steel plate | 4.5138 82558 | 0 | 0.0008 80052 | - 1.2985 93693 | 1 | kg | 1 | kg/kg |
| #G0299 | EPDM seal for aluminium profile, with thermal bridge break | 1.3311 57859 | 1.3487 64021 | 1.3481 4709 | - 1.1173 53682 | 1 | m | 0.43 | kg/m |
| #G0303 | Chlorodifluoromethane (R22) | 7.9196 62138 | 0 | 0 | 1.5652 74583 | 1 | kg | 1 | kg/kg |
| #G0309 | PUR sealant | 5.5732 46936 | 2.6536 72651 | 0 | - 0.7232 68199 | 1 | kg | 1 | kg/kg |
| #G0312 | LPG tank 6400 l/h 2.9 (above ground) | 3138.9 78956 | 0 | 1.0296 60565 | - 1519.3 54621 | 1 | unit | 1170 | kg/ unit |
| #G0315 | Window frame, aluminium | 17.044 46991 | 0.5871 92493 | 0 | - 9.5879 85126 | 1 | m | 1.51 | kg/m |
| #G0318 | Surface, Wood paint, exterior, covering (topcoat system) | 2.5677 33363 | 0.8378 47526 | 0 | - 0.2196 1127 | 1 | kg | 1 | kg/kg |
| #G0321 | Sand 0-2 mm, dried | 0.0328 37115 | 0.0073 91965 | 0 | - 0.0014 43231 | 1 | kg | 1350 | kg/m ³ |
| #G0324 | Surface, Parquet varnish transparent | 1.9142 27708 | 0.9139 83521 | 0 | - 0.1982 60536 | 1 | kg | 1 | kg/kg |
| #G0327 | EVA roof membrane | 5.3863 5664 | 7.9650 12452 | 0 | - 2.7684 05486 | 1 | m ² | 2 | kg/m ² |
| #G0330 | Concrete blocks | 228.26 14031 | 13.531 84923 | 0 | - 3.1492 39258 | 1 | m ³ | 2000 | kg/m ³ |
| #G0333 | Aluminium profile | 10.697 76577 | 0 | 0 | - 7.2765 83378 | 1 | kg | 2700 | kg/m ³ |
| #G0334 | Chippings 16-32 mm | 0.0078 4069 | 0.0067 65925 | 0 | - 0.0015 7462 | 1 | kg | 1400 | kg/m ³ |
| #G0340 | Ceramic tiles, unglazed | 6.7140 32808 | 0.1478 39294 | 0 | - 0.0288 64618 | 1 | m ² | 20 | kg/m ² |
| #G0355 | Plaster, gypsum lime | 112.27 78659 | 0 | 16.172 45846 | 0 | 1 | m ³ | 900 | kg/m ³ |

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| #G0358 | Expanded slate | 0.3675 82697 | 0 | 0 | 0 | 1 | kg | 600 | kg/m ³ |
| #G0359 | Box fan 5,000 m 3/h | 216.80 48226 | 3.0046 15806 | 0.0671 94837 | - 105.45 59142 | 1 | unit | 43 | kg/ unit |
| #G0363 | Clay pipes, glazed, DN 400 | 49.868 38937 | 1.1385 56679 | 0 | - 0.1891 51927 | 1 | m | 142 | kg/m |
| #G0366 | Cork, expanded | - 86.428 74329 | 138.15 06169 | 0 | - 38.746 56122 | 1 | m ³ | 80 | kg/m ³ |
| #G0369 | Laminated veneer lumber (LVL) | - 424.39 93945 | 1010.2 27601 | 0 | - 235.72 68146 | 1 | m ³ | 465.7 | kg/m ³ |
| #G0372 | Circulation pump 50-250 W | 24.886 43277 | 0.8529 49149 | 0.0607 09911 | - 4.0796 00361 | 1 | unit | 4.94 | kg/ unit |
| #G0376 | Tetrafluoroethan e (R134a) | 7.5934 31228 | 0 | 0 | - 6.2924 90858 | 1 | kg | 1 | kg/kg |
| #G0377 | Tetrafluoroprope ne (R1234ze) | 5.6698 26223 | 0 | 0 | - 4.6957 50472 | 1 | kg | 1 | kg/kg |
| #G0386 | Buffer tank, steel | 2.9953 22752 | 0.5723 41026 | 0.0008 80052 | - 1.1553 20346 | 1 | kg | 1 | kg/kg |
| #G0392 | Fittings for tilt- turn windows (aluminium) | 13.750 13773 | 0 | 0 | - 7.6756 27783 | 1 | unit | 1.65 | kg/ unit |
| #G0393 | Construction paper board | - 0.0863 48589 | 0.1219 11106 | 0 | - 0.0341 88142 | 1 | m ² | 0.08 | kg/m ² |
| #G0396 | Pipes for electric heat pump (vertical geothermal, salt water), collector, 70 kW | 2518.4 96925 | 0 | 0 | 0 | 1 | unit | 987 | kg/ unit |
| #G0401 | Pipes for electric heat pump (water-water) 20 kW | 171.54 57464 | 0 | 0.0158 40932 | - 23.374 68647 | 1 | unit | 48 | kg/ unit |
| #G0404 | Non-woven flax fibre | 33.821 86337 | 82.193 09449 | 0 | - 17.876 54359 | 1 | m ³ | 38 | kg/m ³ |
| #G0407 | Wood, oak (12% moisture / 10.7% H2O) | - 1008.7 58346 | 1308.7 98894 | 0 | - 400.78 42698 | 1 | m ³ | 716.8 | kg/m ³ |
| #G0410 | Mastic asphalt | 0.1250 6641 | 0 | 0.0843 07628 | 0 | 1 | kg | 2400 | kg/m ³ |
| #G0420 | Concrete staircase, floor height | 265.02 54635 | 14.045 87869 | 0 | - 2.7423 62416 | 1 | unit | 1965 | kg/ unit |
| #G0423 | ECB plastic roof membrane, according to DIN | 7.4636 44964 | 7.0512 92946 | 0 | - 2.0606 58216 | 1 | m ² | 2.32 | kg/m ² |

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| | 16729 (with PES fleece) | | | | | | | | |
| #G0429 | Solar heat collector, vacuum tubes | 89.729 7752 | 2.0202 1393 | 0.3411 55587 | - 30.985 91229 | 1 | m ² | 29.5 | kg/m ² |
| #G0432 | Pipes for electric heat pump (water-water) 10 kW | 133.27 07171 | 0 | 0.0158 40932 | - 23.374 68647 | 1 | unit | 33 | kg/unit |
| #G0435 | Heat pump, water-water, 70 kW | 542.86 88511 | 13.517 19369 | 0.2104 11331 | - 249.61 80574 | 1 | unit | 199.2 | kg/unit |
| #G0439 | Bitumen emulsion (40% bitumen, 60% water) | 0.3562 93686 | 0 | 0.0914 00858 | 0 | 1 | kg | 1 | kg/kg |
| #G0442 | Curtain wall profiles, steel | 36.147 05725 | 3.4269 03478 | 0 | - 13.715 69979 | 1 | m | 9.48 | kg/m |
| #G0445 | Carbon dioxide (R744) | 1.0408 68048 | 0 | 0 | - 0.8616 17627 | 1 | kg | 1 | kg/kg |
| #G0446 | Slag concrete, stone | 356.85 2715 | 10.348 75058 | 0 | - 2.0205 23264 | 1 | m ³ | 1400 | kg/m ³ |
| #G0449 | Stone dust 0/2 | 0.0078 4069 | 0.0067 65925 | 0 | - 0.0015 7462 | 1 | kg | 1320 | kg/m ³ |
| #G0452 | Aluminium sheet | 10.534 35336 | 0 | 0 | - 7.2765 83378 | 1 | kg | 2700 | kg/m ³ |
| #G0453 | Escalator (components that depend on height) | 2602.9 10216 | 25.011 96373 | 2.4864 49859 | - 971.92 27241 | 1 | unit | 800 | kg/unit |
| #G0456 | Steel, forged steel | 2.7806 17801 | 0 | 0 | - 1.3316 85321 | 1 | kg | 7850 | kg/m ³ |
| #G0457 | Cement-bound particle board | 1721.4 4982 | 233.13 46926 | 0 | - 64.957 47029 | 1 | m ³ | 1200 | kg/m ³ |
| #G0460 | Elevator (components per floor) | 988.76 09283 | 0 | 0.3180 74947 | - 379.03 78073 | 1 | unit | 333 | kg/unit |
| #G0463 | Glass fibre-reinforced plastic, polyester (30% fibre) | 3.3228 74008 | 1.5959 10041 | 0 | - 0.4663 12743 | 1 | kg | 1400 | kg/m ³ |
| #G0466 | Circulation pump 250-1000 W | 124.43 21638 | 4.2647 45746 | 0.3035 49553 | - 20.398 00181 | 1 | unit | 24.7 | kg/unit |
| #G0470 | Pipes, drain pipes, ABS | 4.3514 6356 | 2.5514 59839 | 0 | - 1.1438 40853 | 1 | kg | 1050 | kg/m ³ |
| #G0477 | Underfloor heating system | 21.731 03721 | 3.1616 42571 | 0.0100 3259 | - 5.0562 | 1 | m ² | 5.7 | kg/m ² |

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|--------|--|-----------------|-----------------|-----------------|---|-----------------|---|----------------|-------|-------------------|
| | including insulation, copper (100 mm spacing) | | | | | 31276 | | | | |
| #G0483 | Refrigerant (R410a) | 11.029 7994 | 0 | 0 | - | 9.1316 79889 | 1 | kg | 1 | kg/kg |
| #G0484 | Ammonia (R717) | 2.5299 27742 | 0 | 0 | - | 2.0960 17051 | 1 | kg | 1 | kg/kg |
| #G0487 | Surface, Solvent-based varnish, white | 3.0821 6642 | 0.6858 46322 | 0 | - | 0.1486 95402 | 1 | kg | 1 | kg/kg |
| #G0490 | Non-woven fibre, PE/PP | 1.2173 3972 | 1.8830 71822 | 0 | - | 0.6544 87166 | 1 | m ² | 0.5 | kg/m ² |
| #G0493 | Surface, Façade paint, primer, silicate | 0.8206 59218 | 0 | 0.0160 92732 | - | 0.0046 66847 | 1 | kg | 1 | kg/kg |
| #G0496 | Pipes, polypropylene (PP) | 2.4971 15562 | 3.2202 06062 | 0.0016 09273 | - | 1.2229 30415 | 1 | kg | 1 | kg/kg |
| #G0499 | Steel plate (20 micrometres galvanised) | 2.7824 72285 | 0 | 0 | - | 1.5077 25704 | 1 | kg | 7850 | kg/m ³ |
| #G0502 | Surface, metal coating (water-based) | 1.9767 69058 | 0.2485 15274 | 0 | - | 0.0539 02083 | 1 | m ² | 0.29 | kg/m ² |
| #G0505 | Steel chimney (single wall) | 4.1932 26722 | 0 | 0.0008 80052 | - | 1.1778 67543 | 1 | kg | 1 | kg/kg |
| #G0511 | Window frame, plastic | 9.0730 39037 | 3.6526 45783 | 0 | - | 3.1518 82943 | 1 | m | 3.1 | kg/m |
| #G0519 | Film, PE-HD with non-woven PP-fibre | 3.1373 12265 | 4.8397 32466 | 0 | - | 1.6821 07246 | 1 | m ² | 1.3 | kg/m ² |
| #G0522 | Pumice, gravel | 0.0097 09473 | 0 | 0 | 0 | | 1 | kg | 1 | kg/kg |
| #G0523 | Curtain wall façade with triple glazing, aluminium | 119.98 24773 | 6.2130 03866 | 0.4505 96485 | - | 33.448 27485 | 1 | m ² | 16.5 | kg/m ² |
| #G0533 | HPL plate | - | 2332.5 99091 | 0 | - | 544.18 9755 | 1 | m ³ | 1400 | kg/m ³ |
| #G0536 | Wood, spruce (12% moisture/10.7% H2O) | - | 879.83 41243 | 0 | - | 269.42 54087 | 1 | m ³ | 481.6 | kg/m ³ |
| #G0543 | Clay plaster | 98.197 35787 | 2.8958 42277 | 0 | - | 1.1249 23297 | 1 | m ³ | 900 | kg/m ³ |
| #G0546 | Window profile, sill, aluminium powder coating. | 12.953 71161 | 0 | 0 | - | 7.4221 15045 | 1 | m | 1.02 | kg/m |

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|--------|--|----------------------|-----------------|-----------------|----------------------|---|----------------|-------|-------------------|
| #G0547 | Condensing gas boiler <20 kW (wall unit) | 470.17 21134 | 13.149 8937 | 1.2973 9683 | - 97.303 58997 | 1 | unit | 85 | kg/ unit |
| #G0551 | Steel plate, stainless | 3.6228 88779 | 0 | 0 | - 0.7045 84524 | 1 | kg | 7900 | kg/m ³ |
| #G0552 | Plastic profile CR (chloroprene rubber) | 5.8643 81312 | 3.5668 54415 | 0 | - 0.8889 62022 | 1 | kg | 1 | kg/kg |
| #G0555 | Steel pipe, threaded pipe | 2.5257 32678 | 0 | 0.0016 09273 | - 1.3423 4989 | 1 | kg | 7850 | kg/m ³ |
| #G0558 | Asphalt, base course | 0.0733 16331 | 0 | 0 | - 0.0170 09508 | 1 | kg | 2350 | kg/m ³ |
| #G0561 | Primer, silicate dispersion | 0.5868 99503 | 0 | 0.0176 01035 | 0 | 1 | kg | 1 | kg/kg |
| #G0563 | Surface, Parquet lacquer (primer for wood; diluted with water) | 3.3788 21231 | 0.9139 83521 | 0 | - 0.1982 60536 | 1 | kg | 1 | kg/kg |
| #G0566 | LPG tank 4850 l/2.1 t (underground) | 3103.2 71504 | 77.345 33332 | 0.9828 41811 | - 1438.0 27298 | 1 | unit | 1117 | kg/ unit |
| #G0572 | Polybutadiene pipes (PB) | 4.0015 90031 | 3.2202 06062 | 0.0016 09273 | - 1.2229 30415 | 1 | kg | 1 | kg/kg |
| #G0576 | Perlite 0-1 mm | 0.0413 33607 | 0 | 0 | 0 | 1 | kg | 1 | kg/kg |
| #G0580 | Pumice 0-4 mm | 0.0096 86569 | 0 | 0 | 0 | 1 | kg | 800 | kg/m ³ |
| #G0581 | Surface, façade paint, silicone resin | 1.3740 60118 | 0 | 0.0160 92732 | - 0.0037 0431 | 1 | kg | 1 | kg/kg |
| #G0592 | Wood, cedar | - 840.67 43477 | 1042.2 93122 | 0 | - 319.17 40838 | 1 | m ³ | 571 | kg/m ³ |
| #G0595 | Rubber flooring with foam backing EN 1816 | 11.531 68387 | 10.983 61714 | 0 | - 5.4162 35943 | 1 | m ² | 3.82 | kg/m ² |
| #G0598 | Heat pump, water-water, 10 kW | 284.42 15058 | 5.1477 35975 | 0.1268 06414 | - 142.14 05272 | 1 | unit | 104.2 | kg/ unit |
| #G0602 | Heat pump (air-water) 10 kW | 456.23 22321 | 29.102 94424 | 5.1224 38364 | - 192.24 1883 | 1 | unit | 134 | kg/ unit |
| #G0606 | Surface, lime paint | 0.9302 50529 | 0 | 0.0176 01035 | 0 | 1 | kg | 0.2 | kg/m ² |
| #G0608 | Rubber sealing | 3.6471 0794 | 3.0393 50408 | 0 | - 0.8882 14748 | 1 | kg | 1 | kg/kg |
| #G0611 | Pipes, sewage pipes PP | 2.4971 15562 | 3.4523 16249 | 0 | - 1.4267 67736 | 1 | kg | 1 | kg/kg |
| #G0614 | Plastic plate, transparent, | 5953.2 96529 | 2886.9 75009 | 0 | - 953.71 | 1 | m ³ | 1190 | kg/m ³ |

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|--------|--|-----------------|-----------------|-----------------|----------------------|---|----------------|--------|-------------------|
| | PMMA moulded | | | | 78206 | | | | |
| #G0617 | Natural stone plate, soft, façade | 15.646 87998 | 0.7036 5616 | 0 | - 0.1637 60441 | 1 | m ² | 104 | kg/m ² |
| #G0620 | Pipes for electric heat pump (vertical geothermal, salt water), probe, 70 kW | 5843.4 58137 | 0 | 0 | 0 | 1 | unit | 1843.4 | kg/unit |
| #G0625 | Aluminium foil (d=0.1 mm) | 3.1169 80653 | 0 | 0 | - 2.0374 43346 | 1 | m ² | 0.28 | kg/m ² |
| #G0629 | Plastic profile, silicone | 7.6944 97658 | 1.0140 73285 | 0 | - 0.2960 71583 | 1 | kg | 1 | kg/kg |
| #G0632 | Polyurethane foam (pipe insulation) | 152.99 45977 | 2.7341 24116 | 0.0017 60104 | - 0.7974 9236 | 1 | m ³ | 30 | kg/m ³ |
| #G0635 | Nylon casting (PA 6.6) | 10.370 12432 | 2.8724 90517 | 0 | - 0.8277 77012 | 1 | kg | 1070 | kg/m ³ |
| #G0638 | Gravel 2-15 mm, dried | 0.0273 18428 | 0.0067 65925 | 0 | - 0.0015 7462 | 1 | kg | 1 | kg/kg |
| #G0644 | Fittings for vertical sliding windows | 11.880 48655 | 0 | 0 | - 5.6488 24201 | 1 | unit | 0.932 | kg/unit |
| #G0645 | Plaster, lime gypsum, interior | 196.91 58782 | 0 | 14.483 45846 | 0 | 1 | m ³ | 900 | kg/m ³ |
| #G0647 | Melamine foam | 6.4700 63546 | 2.1110 98393 | 0 | - 0.6168 15797 | 1 | kg | 10 | kg/m ³ |
| #G0650 | Polystyrene granulate (cement-bound) | 162.11 27967 | 103.37 87871 | 0 | - 36.241 51213 | 1 | m ³ | 350 | kg/m ³ |
| #G0656 | Polycarbonate board | 5.4982 03706 | 3.3259 45993 | 0 | - 0.8754 88328 | 1 | kg | 1200 | kg/m ³ |
| #G0659 | Underfloor heating system including insulation PP (100 mm) | 5.9662 95226 | 6.6745 7876 | 0.0033 44197 | - 2.1318 50239 | 1 | m ² | 1.9 | kg/m ² |
| #G0666 | LPG tank 2700 l/1.2 t (underground) | 2149.1 15631 | 53.679 97014 | 0.6808 08045 | - 996.09 56715 | 1 | unit | 773 | kg/unit |
| #G0673 | Binder course | 0.0812 0417 | 0 | 0 | - 0.0170 09508 | 1 | kg | 210 | kg/m ² |
| #G0679 | Window frame, powder-coated aluminium | 12.445 72292 | 0 | 0 | - 7.1310 5171 | 1 | m | 0.98 | kg/m |
| #G0680 | EPDM seal for aluminium profile | 0.5572 28871 | 0.5645 98893 | 0.5643 40642 | - 0.4677 29448 | 1 | m | 0.18 | kg/m |

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|--------|---|-----------------|-----------------|-----------------|----------------------|---|----------------|-------|-------------------|
| #G0684 | Polypropylene chimney (PP) | 2.4023 88294 | 2.7341 24116 | 0.0017 60104 | - 0.7974 9236 | 1 | kg | 1 | kg/kg |
| #G0687 | Polyethylene foam | 2.9211 78473 | 3.9825 06226 | 0 | - 1.3842 02743 | 1 | kg | 30 | kg/m ³ |
| #G0690 | Rainwater pipes, cast iron | 0.6412 31441 | 0 | 0 | 0.1203 89134 | 1 | kg | 1 | kg/kg |
| #G0691 | Calcium silicate board | 564.89 54744 | 5.9331 92058 | 0 | - 0.3247 26953 | 1 | m ³ | 225 | kg/m ³ |
| #G0698 | Sand 0-2 mm | 0.0026 19545 | 0.0067 65925 | 0 | - 0.0015 7462 | 1 | kg | 1350 | kg/m ³ |
| #G0701 | Particle board | -852.1 | 1361 | 0 | -290.7 | 1 | m ³ | 700 | kg/m ³ |
| #G0704 | Solar heat collector, flat | 93.451 96563 | 1.0043 34925 | 0.1866 30818 | - 45.628 30669 | 1 | m ² | 18.27 | kg/m ² |
| #G0707 | Claystones | 91.759 42393 | 4.0607 88099 | 0 | - 1.3841 14616 | 1 | m ³ | 1200 | kg/m ³ |
| #G0713 | Non-woven hemp fibre | 14.169 9761 | 82.193 09449 | 0 | - 17.876 54359 | 1 | m ³ | 38 | kg/m ³ |
| #G0716 | Window sill, plastic | 8.1308 32346 | 2.9677 74699 | 0 | - 2.9844 39991 | 1 | m | 2.8 | kg/m |
| #G0719 | Underfloor heating system including insulation, copper (200 mm spacing) | 12.647 49499 | 3.1616 42571 | 0.0058 08342 | - 3.0330 27537 | 1 | m ² | 3.3 | kg/m ² |
| #G0722 | Gypsum powder, Alpha-half hydrate | 0.2590 96067 | 0 | 0.0176 01035 | 0 | 1 | kg | 1 | kg/kg |
| #G0731 | Asphalt | 0.1023 00162 | 0 | 0 | - 0.0170 09508 | 1 | kg | 2400 | kg/m ³ |
| #G0734 | Bitumen adhesives | 0.6677 81255 | 0 | 0.0914 00858 | 0 | 1 | kg | 1 | kg/kg |
| #G0737 | Plastic board, transparent, PVC | 3660.3 71682 | 3038.2 55837 | 0 | - 624.71 10156 | 1 | m ³ | 1220 | kg/m ³ |
| #G0740 | Concrete pipes, reinforced | 0.1326 07914 | 0.0072 72954 | 0 | - 0.0014 19995 | 1 | kg | 2400 | kg/m ³ |
| #G0743 | Clay, stamped clay | 9.6236 75698 | 6.7679 80165 | 0 | - 2.3068 57693 | 1 | m ³ | 2000 | kg/m ³ |
| #G0746 | Aerated concrete granulate | 5.5578 22687 | 2.7063 69847 | 0 | - 0.6298 47852 | 1 | m ³ | 400 | kg/m ³ |
| #G0754 | Sun protection, polyethylene | 2.4901 7437 | 1.1023 1269 | 0 | - 0.2579 | 1 | m ² | 0.4 | kg/m ² |

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| | terephthalate (PET) | | | | 16512 | | | | |
| #G0767 | Steel, hot-rolled plate, 2-20 mm | 2.7824 72285 | 0 | 0 | - 1.5077 25704 | 1 | kg | 7850 | kg/m ³ |
| #G0768 | Steel, Hot-dip galvanised steel plate | 16.789 37316 | 0 | 0 | - 7.8865 17837 | 1 | m ² | 5.72 | kg/m ² |
| #G0771 | Oil boiler, low temperature, condensing, 120-400 kW | 2856.3 58995 | 49.820 50336 | 3.3813 09433 | - 518.62 50732 | 1 | unit | 992 | kg/ unit |
| #G0771 | Oil boiler, low temperature, 120-400 kW | 2856.3 58995 | 49.820 50336 | 3.3813 09433 | - 518.62 50732 | 1 | unit | 992 | kg/ unit |
| #G0775 | Domestic water pipes, stainless steel | 3.7030 06089 | 0 | 0 | - 1.3484 29003 | 1 | kg | 7850 | kg/m ³ |
| #G0776 | Water heater, electric, throughput, 21 kW | 13.977 47021 | 4.8932 11203 | 0.0034 71804 | - 5.4042 94273 | 1 | unit | 3.95 | kg/ unit |
| #G0782 | Domestic water pipes, Alu-PEX | 7.5838 01314 | 1.8830 71822 | 0 | - 3.9902 45621 | 1 | kg | 1 | kg/kg |
| #G0785 | Window fittings, aluminium | 9.2187 21502 | 0 | 0 | - 3.7447 02146 | 1 | unit | 1.014 | kg/ unit |
| #G0786 | Vapour barrier PA | 0.5712 14835 | 0.2195 37923 | 0 | - 0.0625 43273 | 1 | m ² | 0.08 | kg/m ² |
| #G0790 | Plaster, synthetic resin | 1159.5 91764 | 0 | 27.357 64375 | 0 | 1 | m ³ | 1700 | kg/m ³ |
| #G0792 | Heat pump (air water) 14 kW | 638.72 51249 | 40.744 12193 | 7.1714 1371 | - 269.13 86362 | 1 | unit | 187.6 | kg/ unit |
| #G0796 | Pellet furnace, 20-120 kW | 2320.6 48066 | 0 | 5.6562 40605 | - 856.04 24093 | 1 | unit | 833 | kg/ unit |
| #G0800 | Escalator (basic components per set) | 12873. 63304 | 81.448 79673 | 14.284 18878 | - 4376.3 24181 | 1 | unit | 4076 | kg/ unit |
| #G0804 | Domestic water pipes, PEX-Alu-PEX | 7.7477 22196 | 3.0223 30274 | 0 | - 2.3680 76492 | 1 | kg | 1 | kg/kg |
| #G0807 | Domestic water pipes, PB | 3.8945 31367 | 3.9046 97156 | 0 | - 1.2496 76284 | 1 | kg | 1 | kg/kg |
| #G0812 | Perlite 0-3 mm | 0.5650 71466 | 0 | 0 | 0 | 1 | kg | 1 | kg/kg |
| #G0813 | Lithium bromide | 10.993 56478 | 0 | 12.147 8024 | 0 | 1 | kg | 1 | kg/kg |
| #G0815 | LPG tank 6 400 l/2.9 t (underground) | 3862.8 66729 | 96.393 06466 | 1.2233 07155 | - 1789.8 40184 | 1 | unit | 1390 | kg/ unit |
| #G0821 | Adhesive for | 0.1006 | 0 | 0.0160 | 0 | 1 | kg | 1000 | kg/m ³ |

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| | plasterboards | 82742 | | 92732 | | | | | |
| #G0827 | Plastic board, transparent, PMMA extruded | 5491.9 95149 | 2886.9 75009 | 0 | - 953.71 78206 | 1 | m ³ | 1190 | kg/m ³ |
| #G0833 | Window sill, wood | - 0.3695 55605 | 3.8515 56021 | 0 | - 1.5323 49174 | 1 | m | 2.11 | kg/m |
| #G0839 | Clay powder | 0.3476 58713 | 0.0033 8399 | 0 | - 0.0011 53429 | 1 | kg | 1 | kg/kg |
| #G0842 | Brick chimney (2 pipes) | 49.226 71289 | 0 | 3.4420 76064 | 0 | 1 | m | 195.6 | kg/m |
| #G0844 | Pipes for electric heat pump (vertical geothermal, salt water), collector, 20 kW | 719.57 05499 | 0 | 0 | 0 | 1 | unit | 282 | kg/ unit |
| #G0846 | Gravel 2-32 mm | 0.0328 37115 | 0.0073 91965 | 0 | - 0.0014 43231 | 1 | kg | 1850 | kg/m ³ |
| #G0849 | Roller blinds, PVC | 22.449 88739 | 9.1316 14457 | 0 | - 9.1212 5225 | 1 | m ² | 6.24 | kg/m ² |
| #G0852 | Electric heat pump (vertical geothermal, salt water) 10 kW | 336.73 14642 | 4.2819 30005 | 0.1190 54038 | - 128.27 1951 | 1 | unit | 139 | kg/ unit |
| #G0856 | Primer, silicone plaster | 0.7115 21169 | 0 | 0.0176 01035 | 0 | 1 | kg | 1550 | kg/m ³ |
| #G0858 | PVC flooring | 7.6052 42774 | 8.2182 33002 | 0 | - 1.6897 92091 | 1 | m ² | 3.3 | kg/m ² |
| #G0861 | Slaked lime, powder | 1.1146 30356 | 0 | 0 | 0 | 1 | kg | 1 | kg/kg |
| #G0862 | Wood fibre insulation plate (wet process) | - 170.40 60933 | 300.66 04995 | 0 | - 84.330 7509 | 1 | m ³ | 160 | kg/m ³ |
| #G0865 | Window handles | 0.7701 04153 | 0.2515 57185 | 0 | - 0.0852 08756 | 1 | unit | 0.1 | kg/ unit |
| #G0868 | Gas boiler, condensing, 20-120 kW | 1025.2 59261 | 21.200 94664 | 2.2060 33915 | - 129.54 42283 | 1 | unit | 292 | kg/ unit |
| #G0873 | Condensing gas boiler 120-400 kW (standalone unit) | 3456.8 6016 | 152.20 38279 | 3.4316 64235 | - 1126.7 64952 | 1 | unit | 974 | kg/ unit |
| #G0877 | Surface, interior paint, emulsion paint, durable | 2.5295 46087 | 0 | 0.0160 92732 | - 0.0046 66847 | 1 | kg | 1 | kg/kg |
| #G0880 | Calcium sulphate | 0.1059 41391 | 0 | 0.0160 92732 | 0 | 1 | kg | 1500 | kg/m ³ |
| #G0882 | Heat pump, water-water, 20 kW | 283.82 1115 | 5.1477 35975 | 0.1268 06414 | - 142.14 05272 | 1 | unit | 104 | kg/ unit |

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| #G0890 | Clay pipes, glazed, DN 250 | 25.349 97294 | 0.4089 18244 | 0 | - 0.0679 34847 | 1 | m | 51 | kg/m |
| #G0896 | Window frame, wood | - 0.0899 03706 | 3.8333 02201 | 0 | - 1.5260 31777 | 1 | m | 2.11 | kg/m |
| #G0899 | Wood, pine (12% moisture/10.7% H2O) | - 781.68 80058 | 1002.1 34718 | 0 | - 306.87 66585 | 1 | m ³ | 548.8 | kg/m ³ |
| #G0902 | Circulation pump < 50 W | 12.443 21638 | 0.4264 74575 | 0.0303 54955 | - 2.0398 00181 | 1 | unit | 2.47 | kg/unit |
| #G0906 | Surface, window paint, white | 1.8930 3595 | 0,7855 64361 | 0 | - 0.2050 54283 | 1 | kg | 1 | kg/kg |
| #G0909 | LPG tank 2 700 l/h 1.2 (above-ground) | 1737.1 69978 | 0 | 0.4661 6342 | - 687.86 50791 | 1 | unit | 648 | kg/unit |
| #G0913 | LPG tank 4 850 l/2.1 t (above-ground) | 2790.2 03517 | 0 | 0.9152 53835 | - 1350.5 37441 | 1 | unit | 1040 | kg/unit |
| #G0916 | PIR foam, high density (250 kg/m ³) | 99.151 42173 | 77.697 08023 | 0 | - 25.041 40733 | 1 | m ³ | 250 | kg/m ³ |
| #G0919 | Electric heat pump (vertical geothermal, salt water) 10 kW | 1942.5 48489 | 4.2819 30005 | 0.1190 61958 | - 128.28 38426 | 1 | unit | 1498 | kg/stk. |
| #G0923 | Oil boiler, low temperature, < 20 kW | 754.05 64561 | 11.068 33695 | 1.3898 66644 | - 115.19 78318 | 1 | unit | 221 | kg/unit |
| #G0923 | Oil boiler, low temperature, condensing, < 20 kW | 754.05 64561 | 11.068 33695 | 1.3898 66644 | - 115.19 78318 | 1 | unit | 221 | kg/unit |
| #G0927 | Underfloor heating system including insulation, PEX (200 mm spacing) | 4.8485 36019 | 4.9181 10665 | 0.0024 64145 | - 1.5708 37018 | 1 | m ² | 1.4 | kg/m ² |
| #G0933 | Shingles 2-15 mm | 0.0078 4069 | 0.0067 65925 | 0 | - 0.0015 7462 | 1 | kg | 1 | kg/kg |
| #G0936 | Underfloor heating system including insulation, PP (200 mm spacing) | 4.7651 24002 | 4.9181 10665 | 0.0024 64145 | - 1.5708 37018 | 1 | m ² | 1.4 | kg/m ² |
| #G0939 | Refrigerant (R407c) | 11.029 7994 | 0 | 0 | - 9.1316 79889 | 1 | kg | 1 | kg/kg |
| #G0940 | Sand, crushed, dried | 0.0273 18428 | 0.0067 65925 | 0 | - 0.0015 7462 | 1 | kg | 1350 | kg/m ³ |

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| #G0943 | Plastic board, transparent, PC | 5647.7 24375 | 3658.5 61898 | 0 | - 1145.1 29899 | 1 | m ³ | 1200 | kg/m ³ |
| #G0946 | CR profile for seals (chloroprene rubber) | 1.0555 88636 | 0.5547 73919 | 0 | - 0.1961 94976 | 1 | m | 0.18 | kg/m |
| #G0951 | Cotton | - 0.6284 22428 | 1.7573 31794 | 0 | - 0.4928 79051 | 1 | kg | 1 | kg/kg |
| #G0954 | Glass blocks | 3893.0 24579 | 0 | 47.773 34744 | 0 | 1 | m ³ | 2500 | kg/m ³ |
| #G0956 | Aluminium, castings | 11.009 42232 | 0 | 0 | - 7.2765 83378 | 1 | kg | 2700 | kg/m ³ |
| #G0957 | Stoker stove 120-400 kW | 7167.1 91633 | 0 | 22.311 10673 | - 3074.5 50427 | 1 | unit | 3399 | kg/unit |
| #G0961 | Curtain wall profiles, aluminium | 54.663 00974 | 3.4269 03478 | 0 | - 32.480 12852 | 1 | m | 5.7 | kg/m |
| #G0964 | Plastic profile SBR | 4.1290 22973 | 3.1366 60514 | 0 | - 1.3008 09341 | 1 | kg | 400 | kg/m ³ |
| #G0970 | Surface, wooden façade, semi-pigmented glaze system | 2.5296 28442 | 0.8378 47526 | 0 | - 0.2196 1127 | 1 | kg | 1 | kg/kg |
| #G0973 | Aerated concrete 472 kg/m ³ | 224.83 03303 | 3.1935 16419 | 0 | - 0.7432 20465 | 1 | m ³ | 472 | kg/m ³ |
| #G0976 | Pipes for electric heat pump (vertical geothermal, salt water), collector, 10 kW | 359.78 5275 | 0 | 0 | 0 | 1 | unit | 141 | kg/unit |
| #G0978 | Stone mastic asphalt (SMA) | 0.0774 41423 | 0 | 0 | - 0.0170 09508 | 1 | kg | 1 | kg/kg |
| #G0984 | Glass 4 mm | 13.346 09905 | 0 | 0.1760 10353 | 0 | 1 | m ² | 10 | kg/m ² |
| #G0986 | Gas condensing boiler <20 kW (standalone unit) | 735.68 10715 | 20.563 68387 | 2.0304 53166 | - 152.24 04018 | 1 | unit | 133 | kg/unit |
| #G0990 | Surface, metal paint (solvent-based) | 2.2227 89023 | 0.1440 27728 | 0 | - 0.0312 26034 | 1 | m ² | 0.21 | kg/m ² |
| #G0993 | Lithium iron phosphate (LiFePO ₄) battery (1 kWh storage) | 272.54 67984 | 0 | 22.450 02493 | - 32.624 36731 | 1 | unit | 23.3 | kg/unit |
| #G0996 | Gas condensing boiler 20-120 kW (standalone unit) | 1256.7 11911 | 44.040 55277 | 2.4916 22861 | - 325.95 64753 | 1 | unit | 283 | kg/unit |
| #G1000 | Surface, water- | 1.9083 | 0.8569 | 0 | - | 1 | kg | 1 | kg/kg |

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|--------|---|----------------------|-----------------|-----------------|----------------------|---|----------------|-------|-------------------|
| | based varnish, white | 31432 | 49221 | | 0.1858 69253 | | | | |
| #G1003 | Concrete pipes, non-reinforced | 0.1244 75309 | 0.0073 91965 | 0 | - 0.0014 43231 | 1 | kg | 2400 | kg/m ³ |
| #G1006 | PVC plastisol | 2.3254 7483 | 2.0755 50485 | 0 | - 0.4267 15175 | 1 | kg | 1 | kg/kg |
| #G1009 | Pellet boiler, <20 kW | 1146.8 88141 | 0 | 3.5270 16084 | - 343.02 93465 | 1 | unit | 335 | kg/ unit |
| #G1013 | Plumbing fittings | 1.6325 06376 | 0 | 0 | 0.0239 60965 | 1 | kg | 1 | kg/kg |
| #G1018 | Surface, façade painting, silicate | 1.4509 21275 | 0 | 0.0160 92732 | - 0.0040 83491 | 1 | kg | 1 | kg/kg |
| #G1021 | Plaster, gypsum | 129.13 55709 | 0 | 16.202 45846 | 0 | 1 | m ³ | 900 | kg/m ³ |
| #G1025 | Heat pump, geothermal probe, 10 kW | 837.13 05001 | 4.2819 30005 | 0.1190 61958 | - 128.28 38426 | 1 | unit | 563 | kg/ unit |
| #G1032 | Urea formaldehyde foam insulation | 2.6011 44668 | 1.8736 02672 | 0 | - 0.5105 42258 | 1 | kg | 10 | kg/m ³ |
| #G1035 | Wooden boards, beech (12% moisture/10.7% H2O) | - 1031.9 48505 | 1348.9 57299 | 0 | - 413.08 16951 | 1 | m ³ | 739.2 | kg/m ³ |
| #G1038 | Surface, window paint, undercoat opaque white | 1.9571 54688 | 0.7855 64361 | 0 | - 0.2051 70954 | 1 | kg | 1 | kg/kg |
| #G1041 | Lime plaster, dry matter | 192.98 97537 | 0 | 14.483 45846 | 0 | 1 | m ³ | 900 | kg/m ³ |
| #G1043 | Heat pump, geothermal hose, 20 kW | 389.04 14226 | 4.2819 30005 | 0.1190 54038 | - 128.27 1951 | 1 | unit | 184.2 | kg/ unit |
| #G1047 | Heat pump, geothermal hose, 70 Kw | 909.03 85599 | 11.352 67876 | 0.1928 48138 | - 217.63 03489 | 1 | unit | 488.9 | kg/ unit |
| #G1051 | Cotton, organic | - 0.2122 40887 | 1.7573 31794 | 0 | - 0.4928 79051 | 1 | kg | 1 | kg/kg |
| #G1056 | Propane (R290) | 0.6379 62334 | 0 | 0 | - 0.5283 12184 | 1 | kg | 1 | kg/kg |
| #G1057 | Air conditioning (direct evaporator) (per 1 kW) | 45.504 05807 | 2.9339 39343 | 0.5122 52197 | - 19.228 39213 | 1 | unit | 13.4 | kg/ unit |
| #G1061 | Surface, façade paint, acrylic paint | 2.0805 75219 | 0 | 0.0160 92732 | - 0.0035 00135 | 1 | kg | 1 | kg/kg |
| #G1064 | Brick chimney (1 pipe) | 24.709 53857 | 0 | 1.7301 8177 | 0 | 1 | m | 98.3 | kg/m |
| #G1066 | Stoker stove < 20 kW | 1622.0 78067 | 0 | 5.8497 20865 | - 569.27 | 1 | unit | 631 | kg/ unit |

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|--------|---|-----------------|-----------------|-----------------|----------------------|---|----------------|-------|-------------------|
| | | | | | 75031 | | | | |
| #G1070 | Refrigerant (R404a) | 11.029 7994 | 0 | 0 | - 9.1316 79889 | 1 | kg | 1 | kg/kg |
| #G1071 | Fittings for horizontal sliding windows | 6.1409 31944 | 0 | 0 | - 3.4283 59361 | 1 | unit | 0.696 | kg/ unit |
| #G1075 | Window, triple glazing | 57.144 03995 | 3.0393 50408 | 0.5280 31059 | - 0.8882 14748 | 1 | m ² | 30 | kg/m ² |
| #G1079 | Rubber flooring profiled EN 12199 | 12.767 75879 | 13.858 90958 | 0 | - 6.8340 98755 | 1 | m ² | 4.82 | kg/m ² |
| #G1082 | Natural stone slab, soft, floor | 14.293 57369 | 0.3518 2808 | 0 | - 0.0818 80221 | 1 | m ² | 52 | kg/m ² |
| #G1085 | Marble slab (thickness 0.02 m) | 15.588 35742 | 0.3843 82164 | 0 | - 0.0750 48007 | 1 | m ² | 52 | kg/m ² |
| #G1088 | Natural stone slab, hard, floor | 30.295 42687 | 0.3518 2808 | 0 | - 0.0818 80221 | 1 | m ² | 52 | kg/m ² |
| #G1091 | Cork linoleum floor (thickness 0.0025 m) | 4.1236 96574 | 4.5905 92736 | 0 | - 1.4055 0876 | 1 | m ² | 3.1 | kg/m ² |
| #G1094 | Ceiling panel with mineral wool | 3.5379 83479 | 0 | 0.0885 22556 | 0 | 1 | m ² | 2.4 | kg/m ² |
| #G1097 | Roofing underlay, PP membrane | 0.4049 00233 | 0.3333 97471 | 0 | - 0.1377 56885 | 1 | m ² | 0.15 | kg/m ² |
| #G1102 | Natural stone slab, exterior use | 5.9040 42323 | 1.4073 1232 | 0 | - 0.3275 20883 | 1 | m ² | 208 | kg/m ² |
| #G1105 | Roofing felt, bitumen top coat, slate-coated | 4.9846 36884 | 0 | 0.5227 07296 | 0 | 1 | m ² | 6.2 | kg/m ² |
| #G1108 | Natural stone slab, hard, façade | 30.971 33393 | 0.5277 4212 | 0 | - 0.1228 20331 | 1 | m ² | 78 | kg/m ² |
| #G1111 | Net-reinforced vapour barrier PET | 0.4885 63757 | 0.3306 93807 | 0 | - 0.0773 74954 | 1 | m ² | 0.12 | kg/m ² |
| #G1114 | Ceramic tiles, glazed | 6.0438 65057 | 0.1478 39294 | 0 | - 0.0288 64618 | 1 | m ² | 20 | kg/m ² |
| #G1117 | Gypsum, dry matter (gypsum plaster board) (thickness 0.025 m) | 3.1837 0726 | 0 | 1.5234 63906 | 0 | 1 | m ² | 20.07 | kg/m ² |
| #G1119 | Gypsum, dry matter (gypsum fibre board) (thickness | 7.3439 52236 | 0 | 0.3878 34832 | 0 | 1 | m ² | 24.07 | kg/m ² |

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|--------|--|----------------------|-----------------|-----------------|----------------------|---|----------------|------|-------------------|
| | 0.025 m) | | | | | | | | |
| #G1122 | PUR underlay for PET tile (thickness 0.0005 m) | 0.7724 15032 | 0.5411 35463 | 0 | - 0.1474 89986 | 1 | m ² | 0.2 | kg/m ² |
| #G1125 | Vapour barrier PE (thickness 0.0002 m) | 0.3950 81746 | 0.5555 96608 | 0 | - 0.2295 94808 | 1 | m ² | 0.2 | kg/m ² |
| #G1128 | Burnt shale | 15.388 74933 | 0.2029 77739 | 0 | - 0.0472 38589 | 1 | m ² | 30 | kg/m ² |
| #G1131 | Film for green roof | 3.4378 36229 | 3.7516 22534 | 0 | - 0.7715 01036 | 1 | m ² | 1.13 | kg/m ² |
| #G1134 | Wooden floor, stave parquet, 22 mm | - 13.822 70178 | 21.026 366 | 0 | - 5.8974 54539 | 1 | m ² | 11.5 | kg/m ² |
| #G1139 | Vapour barrier, bitumen | 2.2315 45578 | 0 | 0.4215 38142 | 0 | 1 | m ² | 5 | kg/m ² |
| #G1145 | Clay tile (thickness 0.02 m) | 0.4674 47463 | 1.8237 31991 | 0 | - 0.0174 98807 | 1 | m ² | 14 | kg/m ² |
| #G1148 | Roofing underlay, fibre-reinforced PE membrane | 0.4133 48342 | 0.3152 2478 | 0 | - 0.1095 32565 | 1 | m ² | 0.14 | kg/m ² |
| #G1154 | Linoleum flooring (thickness 0.0025 m) | 4.0785 58043 | 4.4425 091 | 0 | - 1.3601 69767 | 1 | m ² | 3 | kg/m ² |
| #G1157 | Roof membrane, PVC | 5.8287 97315 | 3.7355 60456 | 0 | - 0.7680 87314 | 1 | m ² | 1.5 | kg/m ² |
| #G1160 | Cork tiles 8 mm | - 3.3614 77176 | 6.0113 96816 | 0 | - 1.2838 26662 | 1 | m ² | 3.6 | kg/m ² |
| #G1163 | Waterproofing, foundation wall plate, PE | 4.1174 06158 | 4.1427 79499 | 0 | - 1.7121 21283 | 1 | m ² | 1.2 | kg/m ² |
| #G1166 | Parquet, multilayer (thickness 0.01 m) | -3.86 | 11.88 | 0 | -3.333 | 1 | m ² | 6.5 | kg/m ² |
| #G1169 | Cork tiles 6 mm | - 2.5211 07882 | 4.5085 47612 | 0 | - 0.9628 69997 | 1 | m ² | 2.7 | kg/m ² |
| #G1174 | Cork tiles 4 mm | - 1.6807 38588 | 3.0056 98408 | 0 | - 0.6419 13331 | 1 | m ² | 1.8 | kg/m ² |
| #G1177 | Roof foil EPDM | 8.3497 75065 | 6.7960 57168 | 0 | - 2.4035 28193 | 1 | m ² | 2 | kg/m ² |
| #G1186 | Skylight, plastic (complete skylight) | 123.71 | 27.3 | 1.06 | -37.4 | 1 | m ² | 44.2 | kg/m ² |
| #G1198 | Roof window, aluminium | 181.79 | 3.38 | 1.21 | -24.8 | 1 | m ² | 57.8 | kg/m ² |

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|--------|--|-------------|------------|-------------|--------------|---|----------------|--------|-------------------|
| | (complete window with double glazing) | | | | | | | | |
| #G1222 | Door, steel, int/ext/fire/smoke, etc. | 255.7 | 0 | 0.224 | 103 | 1 | unit | 73.046 | kg/unit |
| #G1234 | ETICS bonding and mineral plaster (Kratzputz) | 10.10848846 | 0.385 | 0.566077927 | 0 | 1 | m ² | 35.18 | kg/m ² |
| #G1238 | Melting chamber granulate | 0 | 0 | 0 | 0 | 1 | kg | 1 | kg/kg |
| #G1251 | ETICS bonding and coating of silicate dispersion plaster | 5.552886135 | 0 | 0.20077292 | 0 | 1 | m ² | 12.48 | kg/m ² |
| #G1253 | Pumice (SFK-4) | 81.40335316 | 6.65276823 | 0 | -1.298907813 | 1 | m ³ | 900 | kg/m ³ |
| #G1256 | ETICS bonding and coating of synthetic resin plaster | 6.540645985 | 0 | 0.20077292 | 0 | 1 | m ² | 12.48 | kg/m ² |
| #G1266 | ETICS bonding and mineral light plaster | 4.849139979 | 0.132 | 0.180560449 | 0 | 1 | m ² | 11.4 | kg/m ² |
| #G1270 | ETICS bonding and mineral plaster (Dekorputz) | 7.584922232 | 0.184 | 0.277116838 | 0 | 1 | m ² | 17.4 | kg/m ² |
| #G1287 | ETICS bonding and silicone plaster | 5.552886135 | 0 | 0.20077292 | 0 | 1 | m ² | 12.3 | kg/m ² |
| #G1292 | OSB | -639.3 | 983.2 | 0 | -165.5 | 1 | m ³ | 600 | kg/m ³ |
| #G1294 | Particle board, melamine coated | -775 | 983.4 | 0 | -70.5 | 1 | m ³ | 633.29 | kg/m ³ |
| #G1296 | Wood fibreboard, high density, HDF | -887.3 | 1237 | 0 | -34.44 | 1 | m ³ | 849.92 | kg/m ³ |
| #G1297 | Fibreboard, medium density, MDF | -764.4 | 1092 | 0 | -13.44 | 1 | m ³ | 737.5 | kg/m ³ |
| #G1301 | Silicate paint (interior) | 0.586899503 | 0 | 0.017601035 | 0 | 1 | kg | 1 | kg/kg |
| #G1302 | Silicate paint (exterior) | 1.450921275 | 0 | 0.016092732 | -0.004083491 | 1 | kg | 1 | kg/kg |

Default values for installations

The default values below can be used by the building owner as an alternative to actual quantities by calculating the climate impact of the installations on the basis of area only. The area used in m² is the total heated floor area (cf. Section 256(3)) plus the heated basement area. The resulting area shall be multiplied by the default value. The resulting value is used instead of an estimate of the actual climate impact of the installations.

| Standard values for installations [in kg CO2 eq. per m2 per year] | | | | | | [in kg per m2 per year] |
|---|--|------------------------------|---------------------------|------------------------------|--------------------------|--|
| Sorting ID | Name EN | Global Heating, Module A1-A3 | Global Heating, Module C3 | Global Heating, Module A1-A3 | Global Heating, Module D | Number of kg installations referred to in Table 10 for Module A4 |
| #S0001 | Single-family houses, drainage | 0.008 | 0.012 | 0 | -0.01 | 0.03 |
| #S0002 | Single-family houses, water | 0.048 | 0.012 | 0 | -0.025 | 0.29 |
| #S0003 | Single-family houses, heating, ventilation and refrigeration | 0.475 | 0.105 | 0 | -0.274 | 3.31 |
| #S0004 | Terraced houses, drainage | 0.046 | 0.054 | 0 | -0.04 | 0.58 |
| #S0005 | Terraced houses, water | 0.024 | 0.016 | 0 | -0.005 | 0.23 |
| #S0006 | Terraced houses, heating, ventilation and refrigeration | 0.376 | 0.112 | 0 | -0.23 | 2.90 |
| #S0007 | Apartment buildings, drainage | 0.056 | 0.064 | 0 | -0.048 | 0.46 |
| #S0008 | Apartment buildings, water | 0.05 | 0.01 | 0 | -0.02 | 0.52 |
| #S0009 | Apartment buildings, heating, ventilation and refrigeration | 0.394 | 0.081 | 0 | -0.222 | 3.59 |
| #S0010 | Offices, schools and day-care facilities, drainage | 0.047 | 0.053 | 0 | -0.028 | 0.14 |
| #S0011 | Offices, schools and day-care facilities, water | 0.049 | 0.011 | 0 | -0.014 | 0.76 |
| #S0012 | Offices, schools and day-care facilities, heating, ventilation and refrigeration | 0.815 | 0.023 | 0 | -0.517 | 6.85 |
| #S0013 | Other buildings, drainage | 0.061 | 0.069 | 0 | -0.037 | 0.18 |
| #S0014 | Other buildings, water | 0.064 | 0.014 | 0 | -0.018 | 0.99 |
| #S0015 | Other buildings, heating, | 1.059 | 0.03 | 0 | -0.672 | 8.91 |

| | | | | | | |
|--|-------------------------------|--|--|--|--|--|
| | ventilation and refrigeration | | | | | |
|--|-------------------------------|--|--|--|--|--|

Re-use

For recycled materials, the climate impact is set at 0 kg CO₂ equivalents for A1–A3, B4, C3–C4 and D.

Recycling has the meaning defined in the Waste Order, but without regard to whether the previous use of the material has had the same purpose.

Where additional new materials are also used together with recycled material, the data set shall be used as normal for the new materials to the extent that they are included in the calculation in accordance with Table 6. Necessary surface treatment or the like of the recycled product, comparable to maintenance or repair, is not included.