

## Cementen conform NEN-EN 197-1, NEN-EN 197-5 en NEN-EN 197-6 (bron: Cement&BetonCentrum)

| Cementsoort  | Aanduiding    | Samenstelling (% m/m) |         |         |             |            |         |         |         |                 |           |         |        |       |
|--|---------------|-----------------------|---------|---------|-------------|------------|---------|---------|---------|-----------------|-----------|---------|--------|-------|
|  |               | Klinker               | RCF     | Slak    | Microsilica | Puzzolanen |         | Vliegas |         | Gebrande leiste | Kalksteen |         | Overig |       |
|  |               | K                     | F       | S       | D           | P          | Q       | V       | W       | T               | L         | LL      |        |       |
| Portlandcement   | CEM I         | 95 - 100              |         |         |             |            |         |         |         |                 |           |         |        | 0 - 5 |
| Portland-recycled-fines-cement                         | CEM II/A-F    | 80 - 94               | 6 - 20  |         |             |            |         |         |         |                 |           |         |        | 0 - 5 |
|  | CEM II/B-F    | 65 - 79               | 21 - 35 |         |             |            |         |         |         |                 |           |         |        | 0 - 5 |
| Portlandslakement                                      | CEM II/A-S    | 80 - 94               |         | 6 - 20  |             |            |         |         |         |                 |           |         |        | 0 - 5 |
|  | CEM II/B-S    | 65 - 79               |         | 21 - 35 |             |            |         |         |         |                 |           |         |        | 0 - 5 |
| Portlandmicrosilicacement                              | CEM II/A-D    | 90 - 94               |         |         | 6 - 10      |            |         |         |         |                 |           |         |        | 0 - 5 |
| Portlandpuzzolaacement                                 | CEM II/A-P    | 80 - 94               |         |         |             | 6 - 20     |         |         |         |                 |           |         |        | 0 - 5 |
|  | CEM II/B-P    | 65 - 79               |         |         |             | 21 - 35    |         |         |         |                 |           |         |        | 0 - 5 |
|  | CEM II/A-Q    | 80 - 94               |         |         |             |            | 6 - 20  |         |         |                 |           |         |        | 0 - 5 |
|  | CEM II/B-Q    | 65 - 79               |         |         |             |            | 21 - 35 |         |         |                 |           |         |        | 0 - 5 |
| Portlandvliegacement                                   | CEM II/A-V    | 80 - 94               |         |         |             |            |         | 6 - 20  |         |                 |           |         |        | 0 - 5 |
|  | CEM II/B-V    | 65 - 79               |         |         |             |            |         | 21 - 35 |         |                 |           |         |        | 0 - 5 |
|  | CEM II/A-W    | 80 - 94               |         |         |             |            |         |         | 6 - 20  |                 |           |         |        | 0 - 5 |
|  | CEM II/B-W    | 65 - 79               |         |         |             |            |         |         | 21 - 35 |                 |           |         |        | 0 - 5 |
| Portandleisteacement                                   | CEM II/A-T    | 80 - 94               |         |         |             |            |         |         |         | 6 - 20          |           |         |        | 0 - 5 |
|  | CEM II/B-T    | 65 - 79               |         |         |             |            |         |         |         | 21 - 35         |           |         |        | 0 - 5 |
| Portlandkalksteacement                                 | CEM II/A-L    | 80 - 94               |         |         |             |            |         |         |         |                 | 6 - 20    |         |        | 0 - 5 |
|  | CEM II/B-L    | 65 - 79               |         |         |             |            |         |         |         |                 | 21 - 35   |         |        | 0 - 5 |
|  | CEM II/A-LL   | 80 - 94               |         |         |             |            |         |         |         |                 |           | 6 - 20  |        | 0 - 5 |
|  | CEM II/B-LL   | 65 - 79               |         |         |             |            |         |         |         |                 |           | 21 - 35 |        | 0 - 5 |
| Portlandcomposietcement<br>(met RCF, volgens EN 197-6) | CEM II/A-M    | 80 - 88               |         |         |             |            |         | 12 - 20 |         |                 |           |         |        | 0 - 5 |
|  | CEM II/B-M    | 65 - 79               |         |         |             |            |         | 21 - 35 |         |                 |           |         |        | 0 - 5 |
|  | CEM II/C-M    | 50 - 64               |         |         |             |            |         | 36 - 50 |         |                 |           |         |        | 0 - 5 |
|  | CEM II/A-M    | 80 - 88               | 6 - 14  |         |             |            |         | 6 - 14  |         |                 |           |         |        | 0 - 5 |
|  | CEM II/B-M    | 65 - 79               | 6 - 29  |         |             |            |         | 6 - 29  |         |                 |           |         |        | 0 - 5 |
|  | CEM II/C-M    | 50 - 64               | 6 - 20  |         |             |            |         | 16 - 44 |         |                 |           |         |        | 0 - 5 |
| Hoogovencement   | CEM III/A     | 35 - 64               |         | 36 - 65 |             |            |         |         |         |                 |           |         |        | 0 - 5 |
|  | CEM III/B     | 20 - 34               |         | 66 - 80 |             |            |         |         |         |                 |           |         |        | 0 - 5 |
|  | CEM III/C     | 5 - 19                |         | 81 - 95 |             |            |         |         |         |                 |           |         |        | 0 - 5 |
| Puzzolaacement   | CEM IV/A      | 65 - 89               |         |         |             |            | 11 - 35 |         |         |                 |           |         |        | 0 - 5 |
|  | CEM IV/B      | 45 - 64               |         |         |             |            | 36 - 55 |         |         |                 |           |         |        | 0 - 5 |
| Composietcement (CEM V)                                | CEM V/A       | 40 - 64               |         | 18 - 30 |             |            | 18 - 30 |         |         |                 |           |         |        | 0 - 5 |
|  | CEM V/B       | 20 - 38               |         | 31 - 49 |             |            | 31 - 49 |         |         |                 |           |         |        | 0 - 5 |
| Composietcement (CEM VI)                               | CEM VI (S-P)  | 35 - 49               |         | 31 - 59 |             | 6 - 20     |         |         |         |                 |           |         |        | 0 - 5 |
|  | CEM VI (S-V)  | 35 - 49               |         | 31 - 59 |             |            |         | 6 - 20  |         |                 |           |         |        | 0 - 5 |
|  | CEM VI (S-L)  | 35 - 49               |         | 31 - 59 |             |            |         |         |         |                 | 6 - 20    |         |        | 0 - 5 |
|  | CEM VI (S-LL) | 35 - 49               |         | 31 - 59 |             |            |         |         |         |                 |           | 6 - 20  |        | 0 - 5 |
|  | CEM VI (S-F)  | 35 - 49               | 6 - 20  | 31 - 59 |             |            |         |         |         |                 |           |         |        | 0 - 5 |

Cementen uit NEN-EN 197-1: zwart en rood, uit NEN-EN 197-5: blauw en uit NEN-EN 197-6: groen