

Massapunt in as 4 tussen C en D

$$\text{Van boresbelasting B4} : \frac{0,95}{5,10} \times 105796 = 19678 \text{ Kg}$$

$$\begin{aligned} \text{Van begane grond vloer} \\ 0,5(2,82 + 2,24 + 5,10) \times [3,50 + (3,02 + 2,52 + 1,00) \times 0,5] \times \\ \times 690 = 24107 \text{ Kg} \end{aligned}$$

$$\begin{aligned} \text{extra van de kluisvloer} \\ \frac{4,70}{2} \times (1,20 + 3,02 + 2,52 + 0,80) \times 0,5 \times 530 = 4690 \text{ Kg} \end{aligned}$$

$$\begin{aligned} \text{Ralle in as 4} \\ \{0,4 \times 0,70 \times [(2,82 + 2,24) \times 0,5 - 0,20] + \frac{4,70}{2} \times 0,18 \times 0,70\} \times 2400 = 2256 \text{ Kg} \end{aligned}$$

$$\begin{aligned} \text{Kluiswand} [1,70 + 3,02 + 2,52 + 1,20] \times 0,5 \times 0,4 \times 2,62 \times \\ \times 2400 = 10560 \text{ Kg} \end{aligned}$$

$$\frac{4,70}{2} \times 0,4 \times 2,62 \times 2400 = 5904 \text{ Kg}$$

$$\begin{aligned} \text{Van kelder vloer} \\ 0,5(2,82 + 2,24 + 5,10) \times [3,50 + (3,02 + 2,52 + 1,00) \times 0,5] \times \\ \times 700 = 24073 \text{ Kg} \end{aligned}$$

$$\begin{aligned} \text{extra van der kluisvloer} \\ \frac{4,60}{2} \times [1,25 + (3,02 + 2,52 + 1,00) \times 0,5] \times 480 = 4987 \text{ Kg} \end{aligned}$$

$$\begin{aligned} \text{Balken in as 4.} \\ [(2,82 + 2,24) \times 0,5 - 0,25] \times 0,45 \times 0,70 \times 2400 = 1680 \text{ Kg} \end{aligned}$$

$$\begin{aligned} \text{Kluis fundering} \\ [(1,75 + 3,02 + 2,82 + 1,25) \times 0,5 + \frac{4,60}{2}] \times \\ \times 0,45 \times 0,5 \times 2400 = 3620 \text{ Kg} \end{aligned}$$

$$\text{Belasting totaal} = 101555 \text{ Kg}$$