

DESIGN EXAMPLE V2

Taking Design Example 1 recalculate the characteristic strength (f_k) of masonry made from Group 1 solid concrete block masonry units with a normalised compressive strength (f_b) of $9,5 \text{ N/mm}^2$. The attestation of conformity (manufacturing control) is Category I and the masonry will be constructed using a thin layer mortar using Class 1 execution control. The masonry units are 120 mm in thickness. Again check that the load capacity of such a wall is sufficient to withstand the design loading of 180 kN/m applied.