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 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.