

## 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  $180 \text{ kN/m}$  applied.