



BISON PRECAST

a Forterra brand

TECHNICAL GUIDANCE NOTE

Corbelling of masonry - 20 November 2017

This technical note gives advice on the laying of blockwork along the edge of hollowcore units.

Due to the recessed side profile which is used as a shear key along the joint of the units there exists a potential for the blockwork wall to overhang the slab edge as noted in figure 1. If the wall is allowed to corbel out from the slab edge then in accordance with BS 5628-3 clause 5.3.6 the maximum distance allowed is $T_2 / 3$ where T_2 is the width of the blockwork, see figure 2.

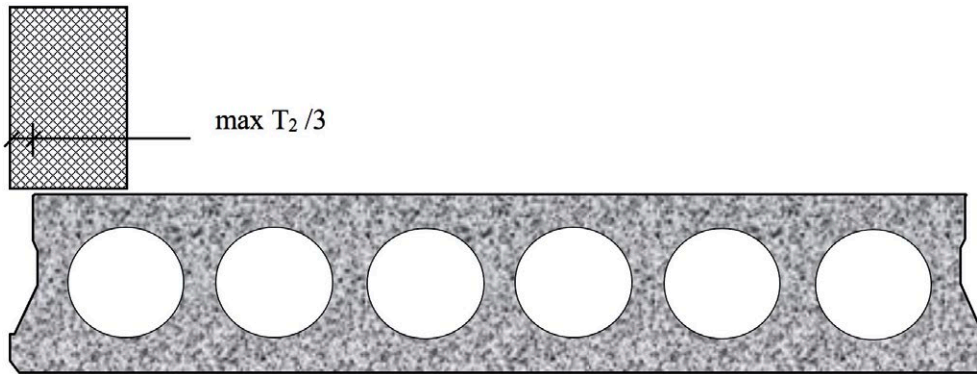


Figure 1 – Corbelling of masonry

Where courses are corbelled out, one above the other, for structural stability, the extent of corbelling should not exceed that shown in Figure 2, unless the work is otherwise supported or reinforced. Corbelled feature work may be built with restraint fixings subject to structural engineering design.

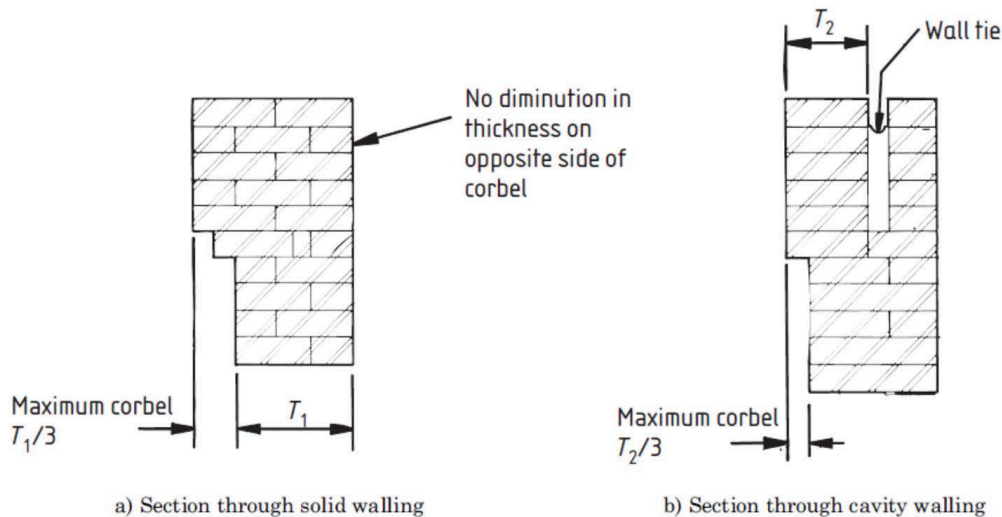


Figure 2 – Extract of the standard