Separating Wall – Cavity Masonry

Block density: 1850 to 2300 kg/m³

Wall ties: Approved Document E ‘Tie type A’ (see Appendix A)

Cavity width: 75mm (min)

Block thickness: 100mm (min), each leaf

Wall finish: Gypsum-based board (nominal 8kg/m²) mounted on dabs on cement:sand render (nominal 8mm) with scratch finish. Typical render mix 1:1:6 to 1:1/2:4. Render mix must not be stronger than background (see Appendix A)

External (flanking) wall: Masonry (both leaves) with 50mm (min) cavity – clear, fully filled or partially filled with insulation

DO

- Keep cavity and wall ties free from mortar droppings and debris
- Fully fill all blockwork joints with mortar
- Make sure there is no connection between the two leaves except for wall ties and foundation
- Keep any chases for services to a minimum and fill well with mortar
- Ensure that render is applied to the complete face of each leaf with a scratch finish (it may be omitted within the floor joist/beam zone)
- Refer to Appendix A