Separating Wall – Cavity Masonry

**Lightweight aggregate blocks**

**Render and gypsum-based board on dabs**

**Block density** 1350 to 1600 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