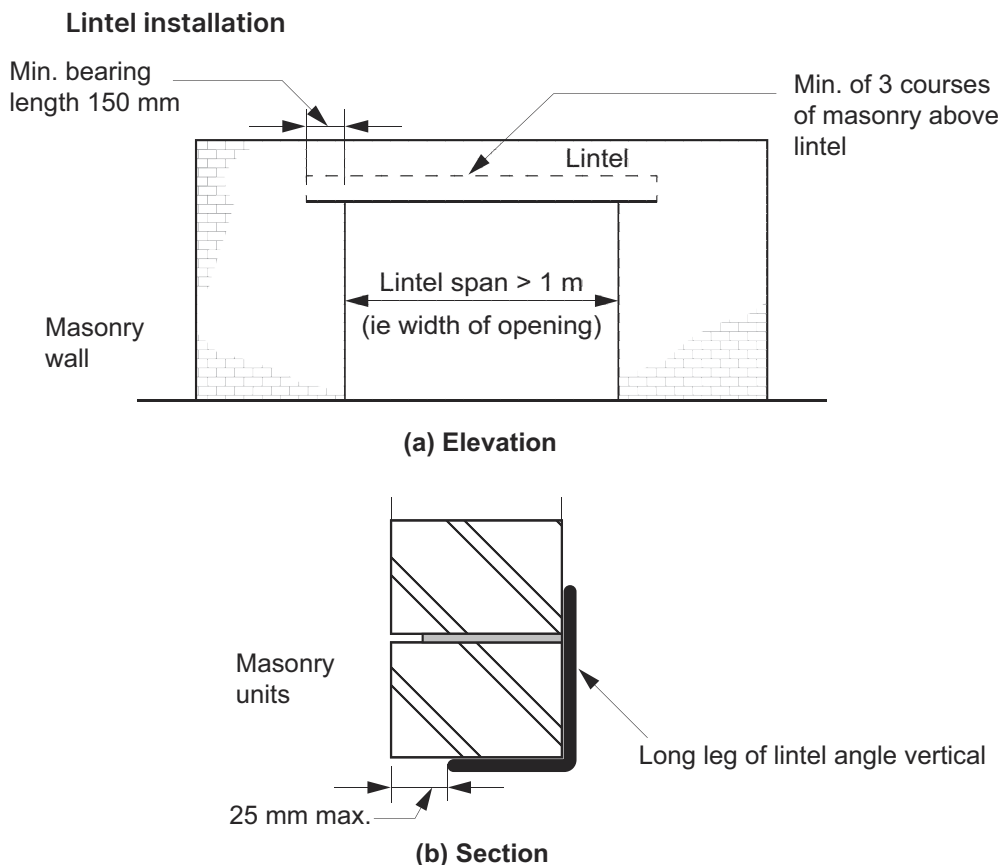


Figure 5.6.7:



## 5.6.8 Vertical articulation joints

[2019: 3.3.5.13]

- (1) Vertical articulation joints must be provided in masonry walls in accordance with (2), except in walls constructed on [sites](#) where the soil classification is A or S (see [4.2.2](#)).
- (2) Articulation joints between masonry elements must have a width of not less than 10 mm and be provided (see [Figures 5.6.8a](#) and [5.6.8b](#))—
  - (a) in straight, continuous walls with openings less than 900 mm x 900 mm or walls without openings — at not more than 6 m centres and within 4.5 m, but not closer than 470 mm of all corners; and
  - (b) in straight, continuous walls with openings more than 900 mm x 900 mm — at not more than 5 m centres and located so that they are not more than 1.2 m away from openings; and
  - (c) where the height of the wall changes by more than 20% — at the position of change in height; and
  - (d) where a wall changes in thickness; and
  - (e) at control or construction joints in footings or slabs; and
  - (f) at junctions of walls constructed of different masonry materials.
- (3) Articulation joints must not be located adjacent to arched openings.
- (4) Articulation joints must be filled with flexible sealant that is supported during installation by—
  - (a) a compressible foam or polystyrene filler (see [Figures 5.6.8d](#) and [5.6.8e](#)); or
  - (b) a purpose made backer rod (see [Figures 5.6.8c](#), [5.6.8d](#), [5.6.8e](#) and [5.6.8f](#)).