

mm and be constructed of—

- (A) wood, plasterboard or blockboard not less than 33 mm thick; or
- (B) compressed fibre reinforced cement sheeting not less than 9 mm thick; or
- (C) other suitable material with a mass per unit area not less than 24.4 kg/m<sup>2</sup>; and

(b) in the case of a water supply pipe, it must—

- (i) only be installed in *discontinuous construction*; and
- (ii) in the case of a water supply pipe that serves one dwelling, not be fixed to the wall leaf on the side of any other dwelling and have a clearance not less than 10 mm to the other wall leaf.

(3) Electrical outlets must be offset from each other—

- (a) in masonry walling, not less than 100 mm; and
- (b) in timber or steel-framed walling, not less than 300 mm.

### 10.7.5 Acceptable forms of construction for masonry walls

[2019: Table 3.8.6.1a]

(1) Acceptable forms of construction for masonry walls are set out in (2) to (6).

(2) Two leaves of 110 mm clay brick masonry with—

- (a) a *cavity* not less than 50 mm between leaves; and
- (b) 50 mm thick glass wool insulation with a density of 11 kg/m<sup>3</sup> or 50 mm thick polyester insulation with a density of 20 kg/m<sup>3</sup> in the *cavity*,

has an  $R_w + C_{tr}$  of not less than 50, if constructed in accordance with [Figure 10.7.5a](#).

(3) Two leaves of 110 mm clay brick masonry with—

- (a) a *cavity* not less than 50 mm between leaves; and
- (b) 13 mm cement render on each outside face,

has an  $R_w + C_{tr}$  of not less than 50, if constructed in accordance with [Figure 10.7.5b](#).

(4) A single leaf of 110 mm clay brick masonry with—

- (a) a row of 70 mm x 35 mm timber studs or 64 mm steel studs at 600 mm centres, spaced 20 mm from the masonry wall; and
- (b) 50 mm thick mineral insulation or glass wool insulation with a density of 11 kg/m<sup>3</sup> positioned between studs; and
- (c) one layer of 13 mm plasterboard fixed to outside face of studs and outside face of masonry,

has an  $R_w + C_{tr}$  of not less than 50, if constructed in accordance with [Figure 10.7.5c](#).

(5) A single leaf of 90 mm clay brick masonry with—

- (a) a row of 70 mm x 35 mm timber studs or 64 mm steel studs at 600 mm centres, spaced 20 mm from each face of the masonry wall; and
- (b) 50 mm thick mineral insulation or glass wool insulation with a density of 11 kg/m<sup>3</sup> positioned between studs in each row; and
- (c) one layer of 13 mm plasterboard fixed to studs on each outside face,

has an  $R_w + C_{tr}$  of not less than 50, if constructed in accordance with [Figure 10.7.5d](#).

(6) A single leaf of 220 mm brick masonry with 13 mm cement render on each face has an  $R_w + C_{tr}$  of not less than 50, if constructed in accordance with [Figure 10.7.5e](#).