

**Reinforcement of bathroom and toilet walls**

**Performance Statement:**

**The bathroom and toilet walls are built to enable grabrails to be safely and economically installed.**

**Essential**

1. Except for walls constructed of solid masonry or concrete, the walls around the shower, bath (if provided) and toilet should be reinforced to provide a fixing surface for the safe installation of grabrails.
2. The fastenings, wall reinforcement and grabrails combined must be able to withstand 1100N of force applied in any position and in any direction.
3. The walls around the toilet are to be reinforced by installing -
4. noggings with a thickness of at least 25mm in accordance with figures 13 and 13a; or
5. sheeting with a thickness of at least 12mm in accordance with figure 14.
6. The walls around the bath are to be reinforced by installing –
7. noggings with a thickness of at least 25mm in accordance with figures 15, 15a and 15b; or
8. sheeting with a thickness of at least 12mm in accordance with figures 16, 16a and 16b.
9. The walls around the hobless (step-free) shower recess are to be reinforced by installing –
10. noggings with a thickness of at least 25mm in accordance with figures 17 and 17a; or
11. sheeting with a thickness of at least 12mm in accordance with figure 18 and 18a.

**Desirable**

Essential requirements apply.

This information was sourced from the national Livable Housing Design Guidelines produced by the National Dialogue on Universal Housing Design.

























