

Resilient Bar Typical Under Floor Construction Details

Typical Resilient Bar Layout

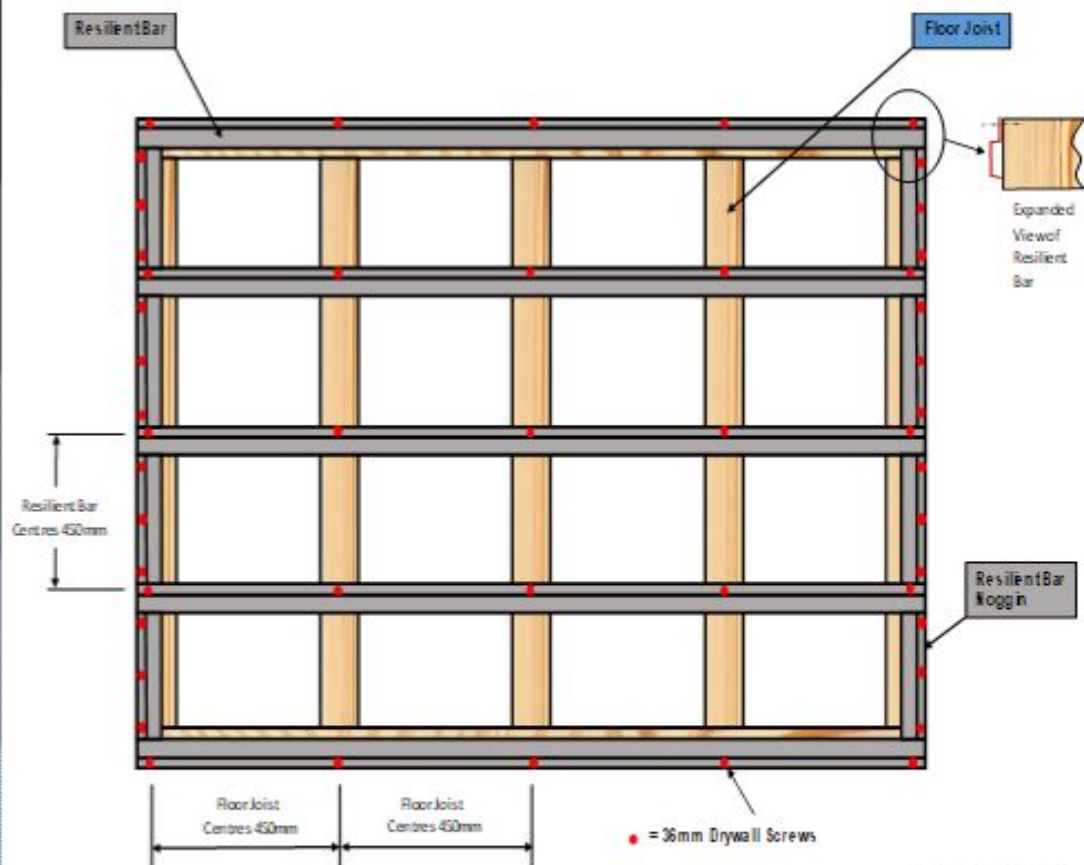
▼ Mark the underside of the floor joists at 450mm centres (For 900mm wide plasterboard).

These will be indicators used to set the position of the Resilient Bars.

▼ Fix the Resilient Bars through the 3mm diameter holes in their flange to each floor joist with 36mm drywall screws.

▼ Resilient Bars can be extended by overlapping them at a floor joist and fixing them with a screw through both flanges.

▼ Cut Resilient Bar to form noggins and fit between rows of Resilient Bars at perimeter of floor using screws to fix into perimeter floor joists.



Typical Resilient Bar Layout (Board Fixing)

- ▼ At this point, if required, general purpose insulation can be laid between the floor joists and rested on the Resilient Bars.
 - ▼ Plasterboards should be fixed with their long edges at 90° to the Resilient Bar.
 - ▼ Fix the 1st layer of plasterboard to the Resilient Bar using appropriate length drywall screws.
- Drywall screws should be inserted at maximum 230mm centres in the field of the board and maximum 150mm centres at the plasterboard ends.
- ▼ If a 2nd plasterboard layer is required, stagger the joints in relation to the 1st layer of plasterboard.
 - ▼ Fix the 2nd layer of plasterboard to all Resilient Bars using appropriate length drywall screws.
 - ▼ Ensure drywall screws are inserted no closer than 10mm from bound plasterboard edges and no closer than 13mm from cut edges.
 - ▼ Drywall screw lengths should be selected so that they provide a nominal 10mm penetration into the Resilient Bar and do not touch the floor joists.

Noted: Do Not Scale

