

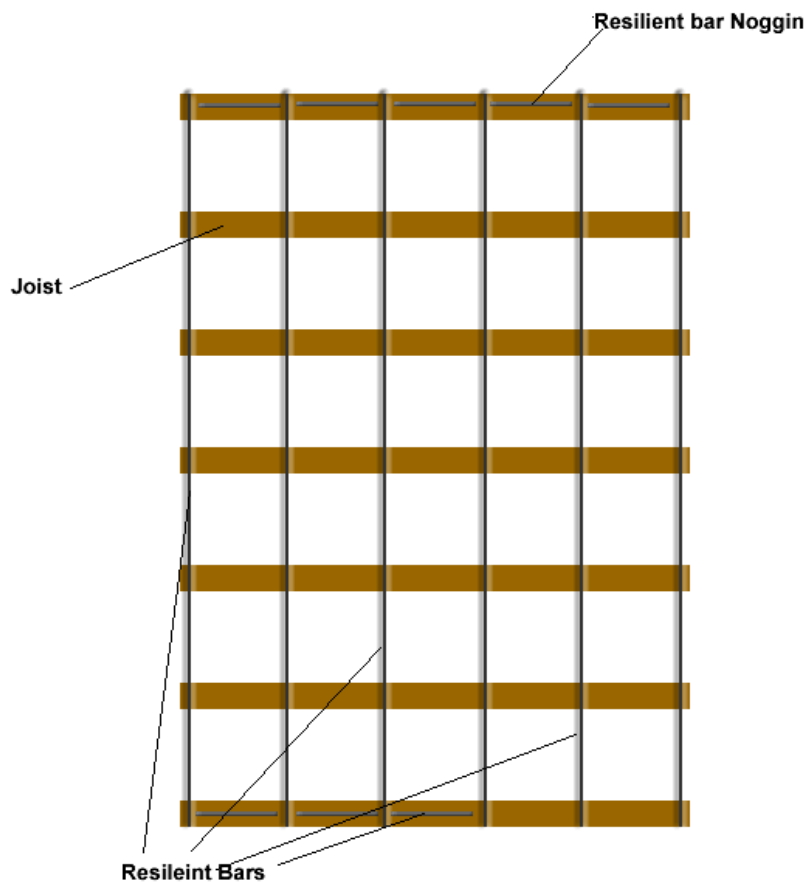
Instructions on fitting suspended ceiling.

- 1) Remove existing ceiling.

Sealing all door and windows to prevent dust escaping into the rest of the property.

- 2) Acoustic Mineral wool should be friction fitted into the void between the joists neatly so that **no gaps** are left.

- 3) Perpendicular to the run of the joists fit resilient bars at 400mm centres. The resilient bars should be fitted with the 32mm dry wall screws provided. Resilient bars should end close to walls. At the ends of the room resilient bar noggins need to be cut and fitted in the line of the joist where the joist runs near the wall. Where resilient bars need to be joined overlap them by 60mm.



4) 19mm Planc boards are then screwed to the resilient bar flange with 32mm screws at 230mm centres. It is important to screw into the hanging flange of the resilient bar and NOT the joist. (This is critical to reduce impact sound from above) These should be fitted again leaving a small gap between them and the wall this can be filled with the sealant. Any gaps to be sealed with acoustic mastic provided.

(Membrane upgrade)

4b) If you wish to upgrade this construction further this can be achieved by sandwiching acoustic membrane (1.2mm) between the joists and the resilient bars. This can be achieved by affixing the membrane starting at one wall fixing in place with the 1st line of resilient bars, then clipping up the membrane with each successive line of resilient bars. Any join in the membrane should be achieved by using impact adhesive (or other similar and overlapping the membrane by 10-15cm at the joins). The membrane should be sandwiched between the plasterboard and the wall and any excess trimmed with a Stanley knife. In this way a seal is effected. The plasterboards should then be screwed onto the resilient bars as described above.

5) If impact sound is a particular problem several wood noggins should be placed between the joists to firm up the flex in the floor 6- 8 should be sufficient.

6) 12.5mm soundbloc plasterboard to be affixed next with 42mm screws screwing into the flange (mark line of resilient bar flange with chalk line or laser level, or pencil). The joints of the soundbloc board should be staggered so that joints don't coincide with 19mm planc boards.

7) The perimeter of the ceiling **should sealed with the sealant provided**. It is better to leave a small gap that can be sealed rather than butting the boards tight up against the walls.

8) Ceiling can be finished by taping and finishing with Easifil compound (tape run along tapered join and Easifil applied to tapered depression and smoothed) or by plastering.

