



Instructions on fitting suspended resilient bar ceiling.

- 1) Remove existing plasterboard ceiling.
Sealing all door and windows to prevent dust escaping into the rest of the property.
- 2) Acoustic Mineral wool should be cut to size and 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.
- 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. These ideally should be placed nearer the centre of the ceiling where flex is at its maximum.
- 6) 12.5mm soundbloc plasterboard is 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. The sealant should applied at both levels of plasterboard.
- 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.



