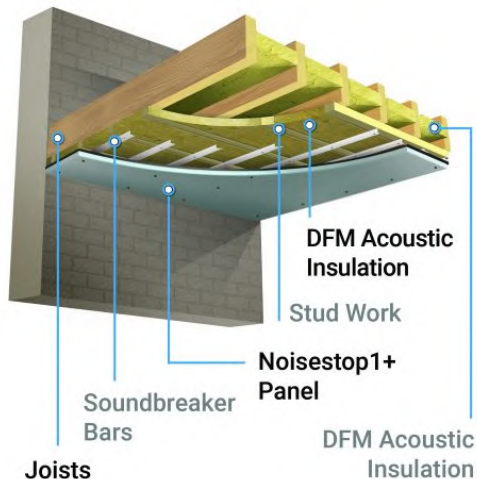


Product Information

Ceiling System 1



Ceiling System 1 is our highest performing soundproof ceiling solution for soundproofing existing ceilings in flats and houses, combining acoustic insulation, soundbreaker bars and soundproofing panels.

You will increase the sound insulation of timber ceilings using this solution. It is ideal for reducing airborne and impact sounds that transfer between floors. If ceilings require extra sound insulation, this system should be used. When installing this system, the approximate drop of ceiling height is 85mm. Concrete ceilings install new ceiling joists to install this solution.

Products supplied in this soundproofing system

- DFM acoustic insulation 100mm/60kg/m³ (A1 Non-combustible)
- DFM acoustic insulation 50mm/60kg/m³ (A1 Non-combustible)
- Soundbreaker bars
- Noisestop 1+ soundproof panel (½ hour fire rating)
- AC50 acoustic sealant

Fitting

- Remove the existing plasterboard from the ceiling.
- Fill between the ceiling joists with the 100mm DFM acoustic insulation. Ensure the gaps between the joists are completely filled. Cut the slabs with either a hand saw or an old bread knife.
- Fix timber battens at right angles to the joists and fill with the 50mm acoustic insulation.
- Attach the soundbreaker bars to the new battens. The bars should be spaced at between 300-350mm. This will allow four bars to fix into per board. Ensure the wide corrugated part of the bar is facing down into the room. Attach the bars to the joists, screwing through the pre-drilled holes along the length of the bars. The bars are installed at right angles to the joist.
- Screw the Noisestop 1+ panels to the soundbreaker bars. There is no need for drilling, instead, use dry wall screws or universal screws to attach the boards to the wide corrugated section of the soundbreaker bar.
- Fill around each edge of the boards as you install them and apply a bead of sealant along the edge of the panels before you butt the next one to it. Make sure there are no gaps left between the boards.
- Once you have completed the installation, you can plaster the boards or tape and fill the tapered edges.