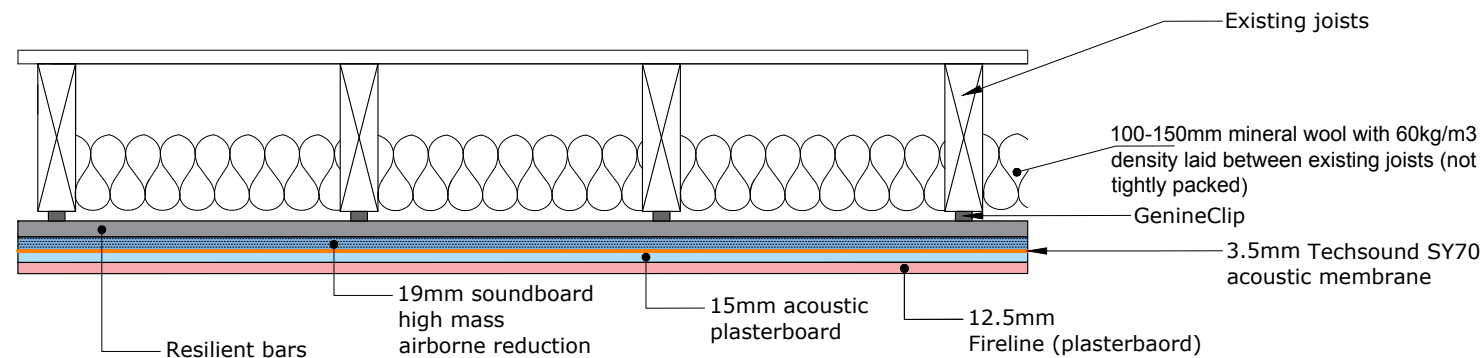


TIMBER FLOOR UPGRADE

SCALE: 1:10



Proposed A5 Hot food takeaway will be located on the Ground floor, the floor separating First floor should be upgraded to ensure that noise generated within the shop does no have any negative effect on the amenity of the flat above.

It is understood that the floor at present is comprised of timber joists with lath and plaster and a suspend false ceiling in the shop. The floor above consists of timber floor boards. We therefore recommend that the floor is upgraded to the specification and diagram above to ensure full compliance with BS8233:2014

The above floor system would be expected to achieve sound insulation performance

Up to 58dB for Airborne (where a higher number is desired)
Up to 50dB for Impact (where a lower number is desired)

Therefore comfortably satisfying requirements of soundproof and ensuring that any noise generated within the Hot food takeaway is non intrusive within the flat

Installation
it is advised not to extend more than 600mm on both GenieClip and Resilient bars. If the joists are spaced at 400mm, we recommend fixing to each joist, leaving a GenieClip 100mm from each end to provide support. To use the Standard GenieClip, joists must be level as the resilient bars run perpendicular

Clear all cureent debris

1. GenieClip attached to the bottom of the joist
2. 200mm overlap on resilient bars with two self-tapping screw, running perpendicular to the joist
3. 1st layer of SoundPlank 19mm fit on to resilient bars with self-tapping screw (leaving a 2-5mm gap from any adjacent walls and using acoustic sealant)
4. Tecsound SY70 has an adhesive backing and is applied direct to the layer of SoundPlank 19mm
5. 2nd layer of Acoustic Plasterboard fit through in to resilient barsl with self-tapping screw (leaving a 2-5mm gap from any adjacent walls and using acoustic sealant)
6. 12.5mm fireline plasterboard skim and finish



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ALI YAZDI

PROJECT: 7 QUEEN STREET
GRAVESEND
DA12 2EQ

DRAWING TITLE: SOUND DETAIL

PROJECT NO: SA	DRAWING NO: A1/101
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SCALE: 1:10	SHEET SIZE: A3
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REVISION --	DATE: 30/01/2023
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