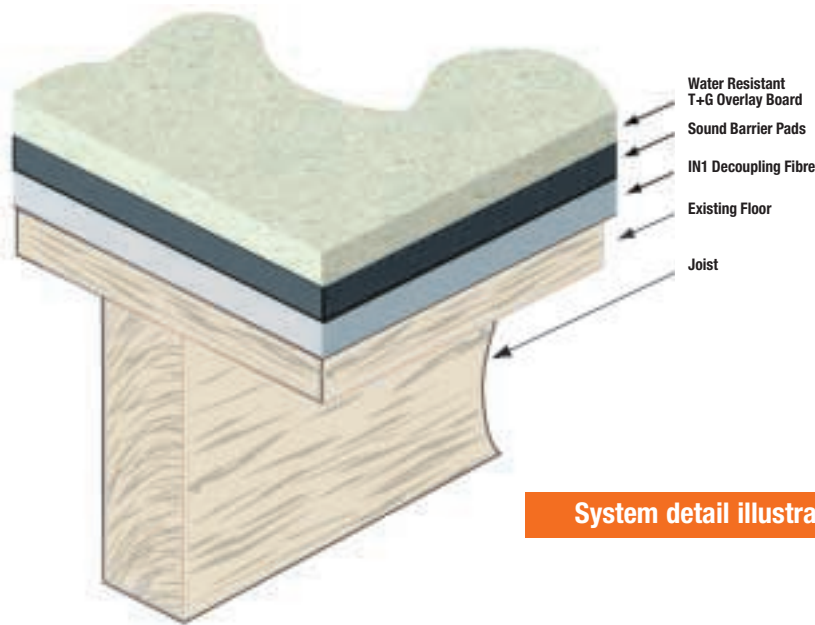


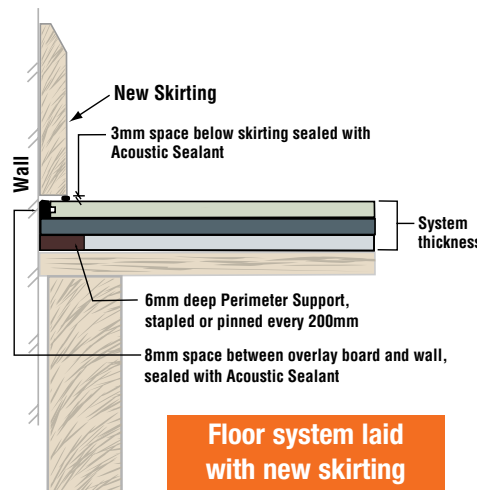
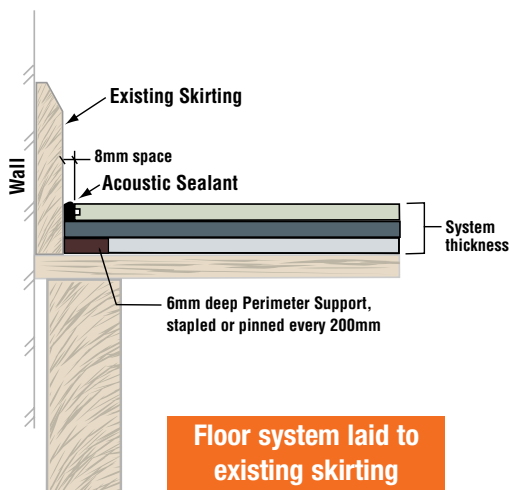
floating floor treatments

ACOUSTIC FLOORING SYSTEMS 108 & 208

The 108 and 208 systems offer a high performance solution for both airborne and impact noise problems, with both timber and concrete floors, in the conversion or refurbishment of existing dwellings, particularly where the floor height is a concern.



System detail illustration



COMPONENTS

108

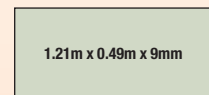
9mm	Overlay Board
8mm	Sound Barrier Pads
6mm	Decoupling Fibre

208

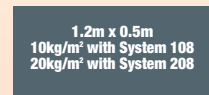
9mm	Overlay Board
13mm	Sound Barrier Pads
6mm	Decoupling Fibre

SYSTEM	THICKNESS (mm)	WEIGHT (kg/m ²)
108	23	18
208	28	28

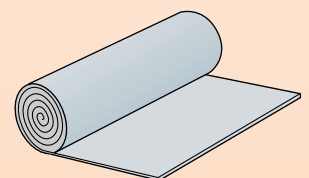
ABOVE WEIGHTS & DIMENSIONS MAY BE SUBJECT TO SLIGHT VARIATION



Water Resistant T+G Overlay Board



Sound Barrier Pads



IN1 Decoupling Fibre (grey)
1m x 6mm x 20m roll

Perimeter Support
1.2m x 30mm x 6mm

APPLICATIONS

- Refurbishment
- Change of use
- Domestic upgrade
- Level timber floors
- Level concrete floors
- Where floor height is restricted
- Pre-completion testing



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floating floor treatments

INSTALLATION INSTRUCTIONS FOR

ACOUSTIC FLOORING SYSTEMS 108 & 208

The following instructions are issued as an aid to the correct installation procedures. Individual site conditions may necessitate variances to these standard instructions. Such cases should be referred to the InstaCoustic Technical Department for approval. All installation and working practices should be in accordance with relevant Codes of Practice, current British Standards and HSE Regulations.

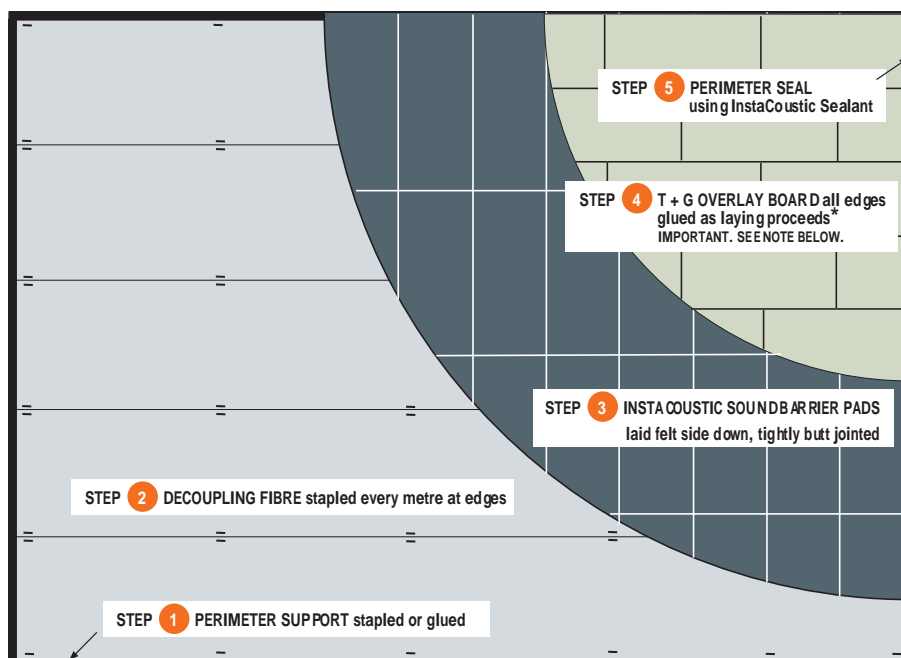
SITE PREPARATION

- IF A SCREED HAS BEEN APPLIED IT MUST BE FULLY CURED BEFORE BEGINNING THE INSTALLATION OF THE FLOOR SYSTEM
- ON CONCRETE FLOORS A MEMBRANE (IF REQUIRED), SUCH AS 1200 GAUGE POLYTHENE SHEETING, SHOULD BE INSTALLED OVER ALL GROUND FLOOR SLABS AND NEW CONCRETE BASES ABOVE GROUND LEVEL
- BUILDING TO BE DRY AND WEATHERPROOF
- ALL FLOORING MATERIALS TO BE STORED IN SAFE DRY CONDITIONS
- INSTACOUSTIC ADHESIVE AND SEALANT SHOULD NOT BE SUBJECTED TO TEMPERATURES OF LESS THAN 5°C.
- FLOOR RECEIVING THE 108 OR 208 SYSTEM MUST BE
 - LEVEL TO WITHIN 3mm OVER A 3M RUN OTHERWISE A CRADLE AND BATTEN SYSTEM MUST BE USED
 - FREE OF ALL DEBRIS AND SHARP OBJECTS
 - IF TIMBER, LOOSE OR CREAKING FLOOR BOARDS MUST BE SCREWED DOWN AND CRACKS BETWEEN BOARDS SEALED
 - IF CONCRETE, HARD AND DRY
- ALL BEAM AND BLOCK OR CONCRETE PLANK FLOORS SHOULD BE FULLY GROUTED
- ANY ACOUSTIC THRESHOLDS OR PLINTHS MUST BE FITTED BEFORE LAYING THE 108 OR 208 FLOOR SYSTEM

REQUIRED TOOLING

- CIRCULAR SAW
- JIGSAW
- PENCIL
- UTILITY KNIFE
- BATTERY DRILL
- COUNTERSINK BIT
- TAPE MEASURE

TEST CERTIFICATION AVAILABLE



STEP PERIMETER SUPPORT

- 1** Fit the perimeter support by stapling or gluing it to the floor. Fix it tight to the perimeter of the room or skirting board. When fitting a system with more than one layer of perimeter support, fix each layer to the previous layer by pinning or stapling every 200mm. (If skirting boards are removed, ensure any damage caused to the plaster or wall finish is made good prior to fitting the system).

STEP DECOUPLING FIBRE

- 2** Lay the decoupling fibre on the floor (up to, but not on top of the perimeter support) and staple it to the floor along its edges at 1.0 metre intervals as laying proceeds. When laying an InstaCoustic flooring system with more than one layer of decoupling fibre each layer should be laid at 90° to the previous layer, and stapled to the floor in turn.

STEP SOUND BARRIER PADS

- 3** Overlay the decoupling fibre with the sound barrier pads laid at 90° to the direction of the decoupling fibre. The hessian-backed sound barrier pads should be laid with the black surface uppermost. They should be laid tight to the perimeter of the room or skirting board and tightly butt jointed together. Any gaps in the sound barrier pads should be sealed with acoustic sealant. (Sound barrier pads should be cut with a utility knife).

STEP T & G OVERLAY BOARDS

- 4**
 - Fit the overlay boards at 90° to the direction of the sound barrier pads with the groove of the overlay board facing towards the perimeter of the room.
 - The boards should be laid in a staggered formation.
 - Ensure that all joints are a minimum of 150mm apart.
 - Maintain an 8mm gap with spacers between the overlay board and the skirting board or the wall.
 - Liberally glue all edges of the T & G overlay boards as laying proceeds with InstaCoustic adhesive.
 - As laying proceeds, avoid walking on the overlay boards whenever possible.
 - To avoid the overlay board creeping, ensure the board is kept tightly in position with wedges between the board and the skirting board (or perimeter of the room), whilst the adhesive sets.

*NOTE: Although the Overlay Boards are suitable to receive vinyl floor covering, final preparation may be necessary to avoid the mirroring-through of the board joints, such as overlaying with hardboard or plywood. Please refer to vinyl manufacturers for further guidance.

STEP SEALING THE PERIMETER

- 5** When the adhesive has set, remove the spacers and wedges and fill the 8mm gap to the perimeter of the room with InstaCoustic sealant, to the full depth of the overlay board.