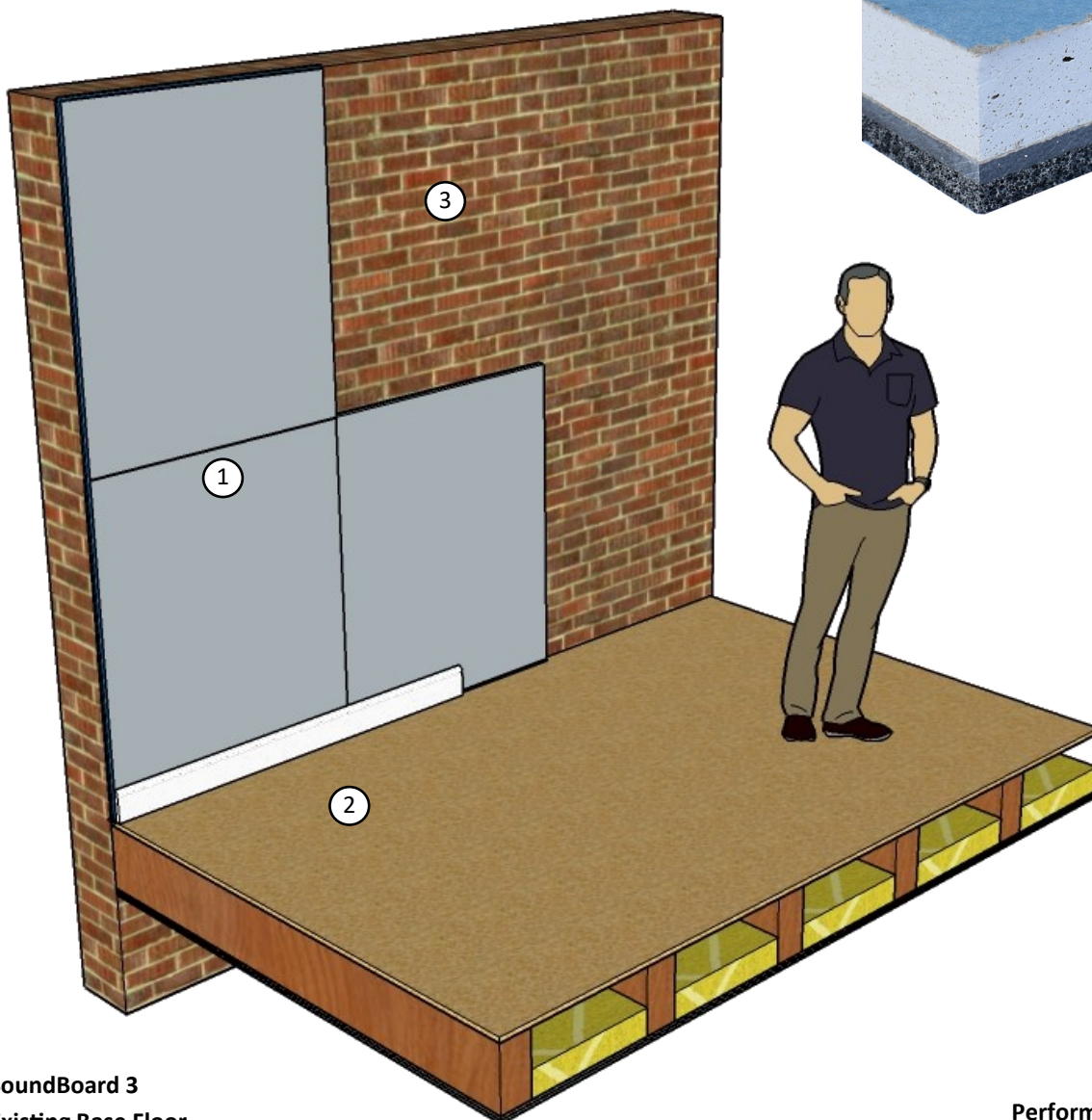


Technical Information Sheet

Unlike traditional soundproofing systems, the SoundBoard3 decreases noise with minimal loss of space and disruption within the home. Helping to reduce the emotional stress caused by noisy neighbours.

SoundBoard3 is our thinnest (24mm) direct-to-wall acoustic soundproofing board.

With 3 different layers of soundproofing material all laminated together in one board. The SoundBoard3 adds 23.83kg of mass to your wall and a dampening layer to prevent the sound energy/vibration from travelling through.



- 1: SoundBoard 3
- 2: Existing Base Floor
- 3: Single Brick Wall

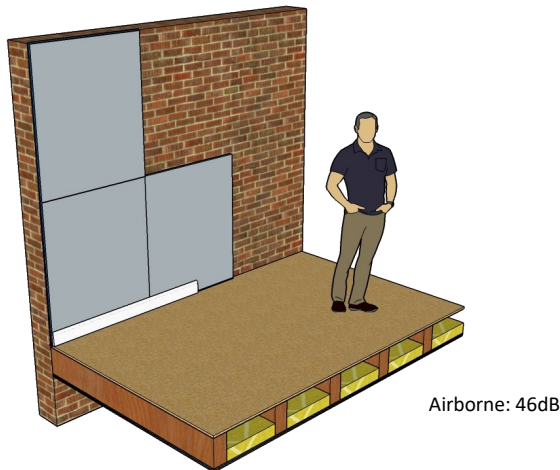
Performance

Airborne: 46dB

SoundBoard3 acoustic foam, 15mm Acoustic Plasterboard and 7.5kg Barrier are high performance materials that have been acoustically tested at a WAS certified independent acoustic test laboratory from which the following data has been compiled.

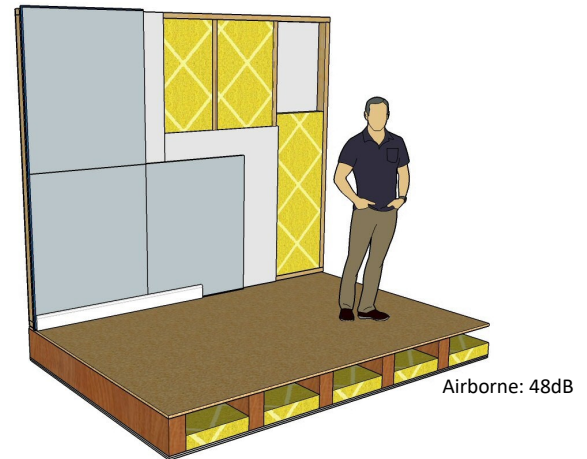
Example Build Up 1

Solid Wall



Example Build Up 2

Stud Wall



Building Regulations Part E (UK) Requirements

(Resistance to the passage of sound)

Separating Walls

Solid/Party Walls Between Dwellings

Walls Between Rooms

Airborne Performance

(The higher the figure the better)

(higher than) 45dB

(higher than) 43dB

SoundBoard 3 Specifications:

Size: 1200mm x 1000mm x 24mm (1.2m²)

Weight: 23.83kg per sheet

Max 35 sheets per pallet

Acoustic performance

Airborne Performance

(The higher the figure the better)

Example Build Up 1

Single Brick wall With SoundBoard 3 24mm mechanically fixed with 9 screws per board

46dB

(Pass for building regulations)

Example Build Up 2

50mm stud frame with 15mm acoustic plasterboard on both sides and 50mm RW3 mineral wool between studs and SoundBoard 3 24mm on one side only

48dB

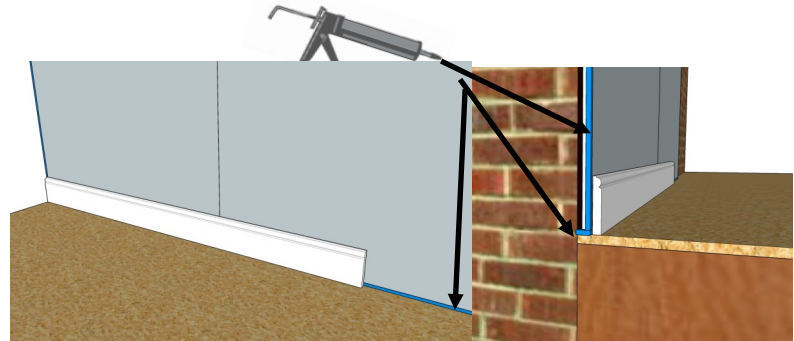
(Passes building regulations)

Benefits of SoundBoard3

- Outstanding performance against noisy neighbours
- Improves airborne sound performance
- Suitable for use on solid or stud walls
- Can be cut on site
- Minimal disruption in the home with easy DIY install
- Saves space—compared to traditional soundproofing solutions
- Supplied in thin, easy to handle boards
- Cost effective
- Withstands greater load fixings than standard plasterboard

Accessories for SoundBoard 3

- Acoustic Sealant 900ml
- 900ml / Jumbo applicator gun
- Scrim Tape
- Hammer screw fixings



Acoustic Sealant

Components

- 15mm Acoustic Plasterboard finish (ready for standard plasterboard decoration)
- 3mm Mass Loaded Vinyl (designed to replace lead in soundproofing)
- 5.5mm closed cell foam (dampens sound energy and vibrations)

Specifications

Thermal—thermal conductivity 0.24W/mK / thermal resistance: 15.0mm = 0.06m² K/W

Fire—fire rating 30 minutes

Installation

SoundBoard3 is supplied in standard sheets 1.2m x 1m. These are fixed directly to the wall with 9 fixings per board, leaving a 5mm gap around the perimeter to prevent flanking vibration. This 5mm gap is then filled with an acoustic sealant.

Use shims on the bottom layer of boards to leave a 5mm gap at the bottom.

Any small gaps should also be filled with the acoustic sealant.

The final layer of acoustic plasterboard means that this board is ready for a final decoration.

Please note:

- For installations and applications not listed, please contact the Soundproofing Store for guidance
- These boards weigh 23.83kg each and will need two people to lift them
- As these boards will add a great deal of weight to your wall, you may wish to check with a structural engineer to ensure compatibility
- dB results stated are based on a standard single brick wall. (Performance will vary with different structural make-up)
- SoundBoard3 is a handmade laminated product and has a tolerance of 2-3mm
- If you are employing fitters, it's recommended goods are delivered the day before
- The mass loaded vinyl layer may emit a small odour when installed. This will dissipate in time and ventilating the room for 24 hours after fitting is recommended