PRO))SOUND™

Technical Information Sheet

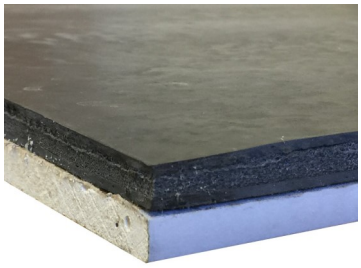
SoundBoard4

1.2m x 1m x 30mm (1.2m2)
Weight 34.83kg Per Board

Pro-Sound™ SoundBoard4 is our highest performing, thin, direct to wall acoustic soundproofing board.

With 4 different layers of soundproofing material all laminated together in one board. The SoundBoard4 adds 34.83kg of mass to your wall and a dampening layer to prevent the sound energy/vibration from traveling through.

Ideal for blocking clear conversation ,TV noise, dogs barking, babies crying, and music noise.



1: SoundBoard4
2: Existing Base Floor
3: Single Brick Wall

Performance
Airborne: 52dB

THE SOUNDPROOFING STORE

www.soundproofingstore.co.uk
sales@soundproofingstore.co.uk
01423 206208

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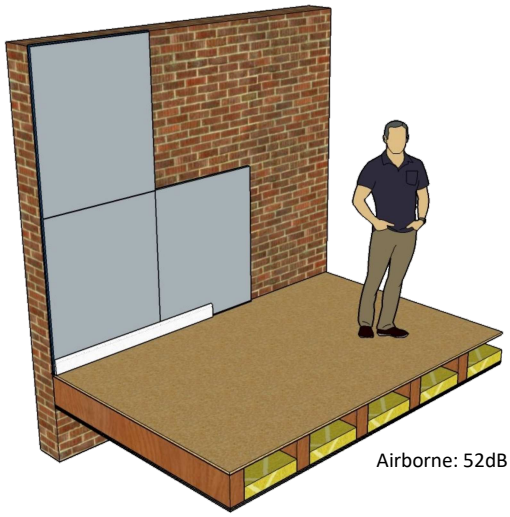
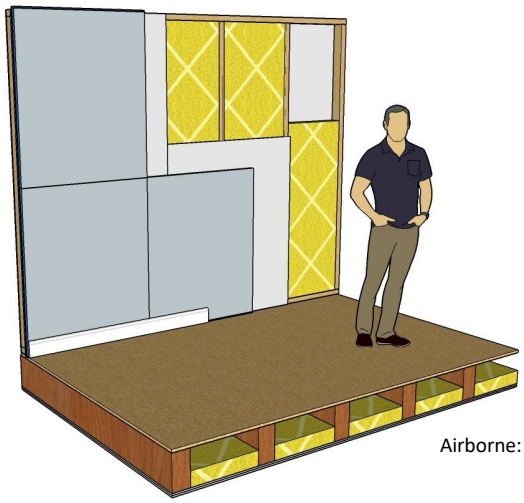
SoundBoard4 acoustic foam, 15mm Acoustic Plasterboard and 7.5kg Barrier are high performance materials that have been acoustically tested at a WAS certified independent acoustic test laboratory from which the following data has been compiled.

Example Build Up 1



Airborne: 52dB

Example Build Up 2



Airborne: 54dB

Building Regulations Part E (UK) Requirements (Resistance to the passage of sound)	**Airborne Performance** (The higher the figure the better)
Separating Walls	
Solid/Party Walls Between Dwellings	(higher than) 45dB
Walls Between Rooms	(higher than) 43dB

Pro-Sound™ SoundBoard4 Specifications:	Weight: 34.83kg per sheet
Size: 1200mm x 1000mm x 30mm (1.2m2)	Max 25 sheets per pallet
Acoustic performance	**Airborne Performance** (The higher the figure the better)
Example Build Up 1 Single Brick wall With SoundBoard4 30mm mechanically fixed with 9 screws per board (Pass for building regulations)	52dB
Example Build Up 2 50mm stud frame with 15mm acoustic plasterboard on both sides and 50mm RW3 mineral wool between studs and SoundBoard4 30mm on one side only ***(Passes building regulations)***	54dB

Benefits of SoundBoard4

- Improves airborne sound performance
- Suitable for use on solid or stud walls
- Can be cut on site
- Simple to install
- Supplied in thin, easy to handle boards
- Closed cell moisture resistant foam
- Cost effective
- Withstands greater load fixings than standard plasterboard

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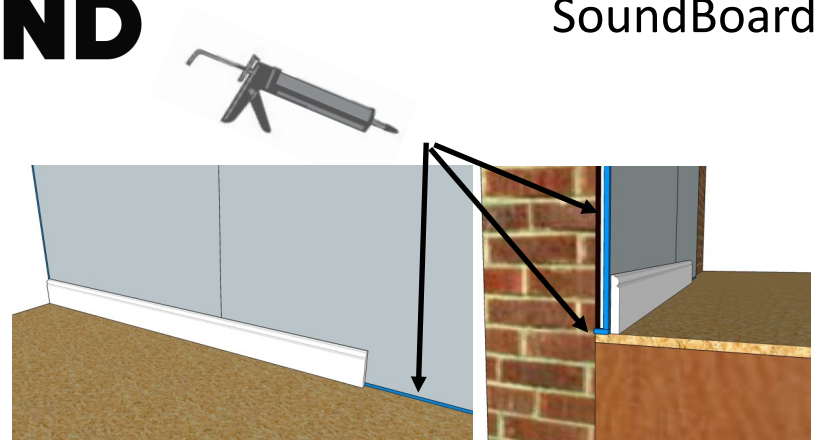

Accessories for SoundBoard4

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

Acoustic Sealant

Components

WB acoustic barrier material is a high-density, mineral loaded, thermoplastic polymer. It is black in colour, ecologically neutral and recyclable.

SoundBoard foam is an acoustic underlay manufactured from EVA rubber injected closed cell polyolefin foam.

Acoustic Plasterboard, is a higher density gypsum based board that contains more mass than standard plasterboard

INSTALLATION

SoundBoard4 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 under the bottom layer of board to create a 5mm gap on 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 board weigh 34.83kg each and will need two men to lift.
- As these boards will add a great deal of weight to your wall you may wish to check with a structural engineer to see if the existing structure is suitable to fix these boards to.
- dB results stated are based on a standard single brick wall (Performance will vary with different structural make-ups)