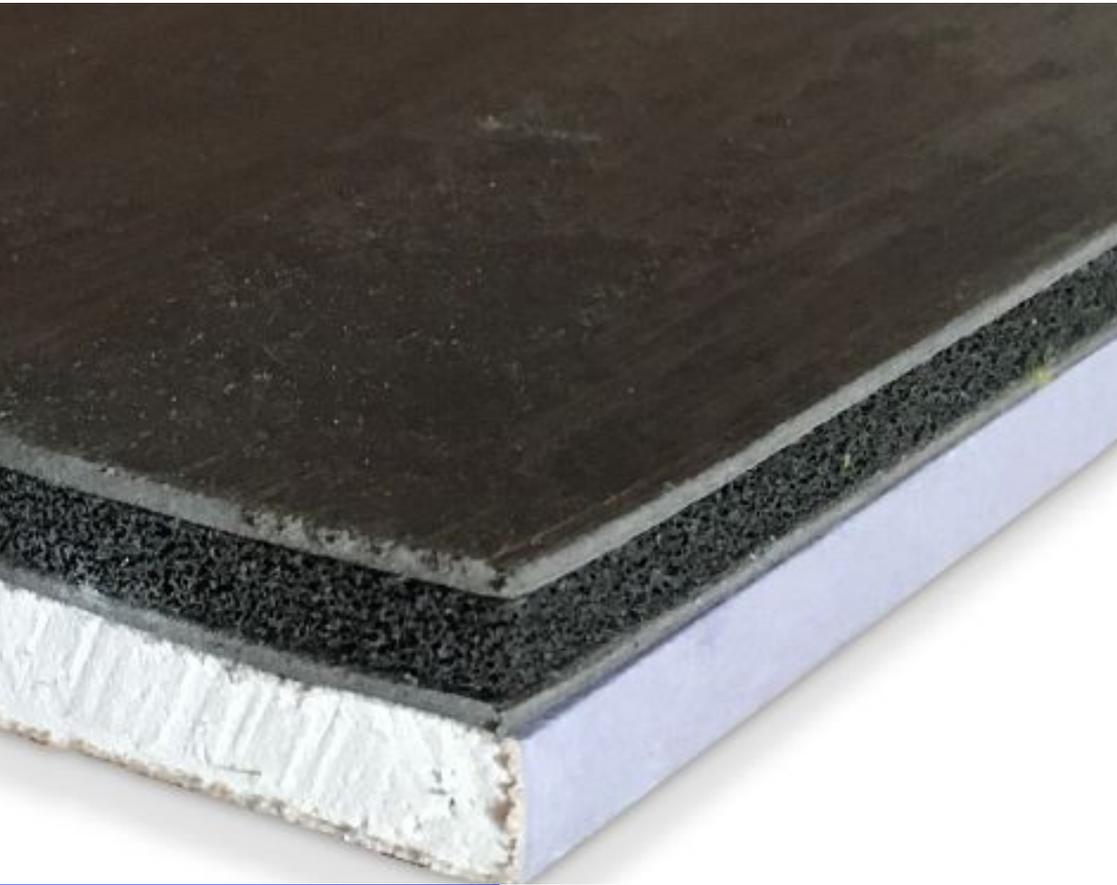


# NOISESTOP ACOUSTIC PANEL

SOUNDPROOFING SPECIALISTS  
NOISESTOP SYSTEMS

**NOISESTOP**  
SYSTEMS



**NOISESTOP  
ACOUSTIC PANEL  
DIRECT TO WALL  
SOUNDPROOFING  
SOLUTION**

**NOISESTOP**  
SYSTEMS

## **DIRECT TO WALL SOUNDPROOFING**

*Not every room that requires soundproofing has the space required to install a complete soundproofing system.*

*Direct to wall soundproofing solutions are suitable for rooms that require medium levels of noise control.*

## **NOISESTOP ACOUSTIC PANEL**

As a direct to wall soundproofing solution, the Noisestop Acoustic Panel is our slimmest stand-alone product.

Apply either directly onto solid party walls to soundproof against noisy neighbours or increase the sound insulation of stud walls by applying the panel over the existing plasterboard.

These solutions are popular for use in rooms that are already tight for space but need an additional level of soundproofing.

## NOISESTOP ACOUSTIC PANEL

**Our slimmest direct to wall soundproofing solution. Minimise space loss and increase the sound insulation in your home.**

### NOISESTOP ACOUSTIC PANEL

Reduce neighbour noises such as clear conversation and TV noise through party walls, upgrade existing stud walls

### SPACE SAVING

Space loss is kept to a minimum using this 22.5mm soundproofing panel. Minimal disruption within the room

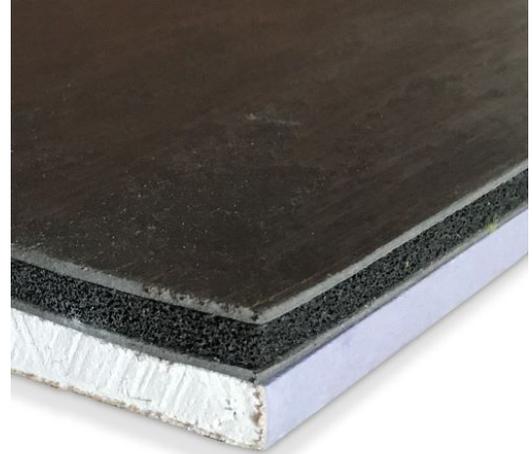
### SOUNDPROOFING

Soundproof your home, office or workplace to restore quiet within rooms that will only allow minimal space loss

## Product Features

**Comprises of four pre-bonded layers to form the complete 1200mm x 1200mm panel**

- 22.5mm thick
- Weight 29kg
- 30-minute fire rating
- 12.5mm acoustic plasterboard
- 5kg mass loaded vinyl
- 5mm acoustic grade closed-cell foam
- 5kg mass loaded vinyl
- Noise reduction 49dB on a single skin brick wall



Noisestop Acoustic Panel comprises four layers pre-bonded for ease of installation. The board's surface is a 12.5mm acoustic plasterboard with a tapered edge, allowing for a plaster skim or taping and filling before decorating. The triple-layered acoustic membrane on the back of the panel is a 5kg mass loaded vinyl, a 5mm closed-cell acoustic grade foam, and another 5kg mass loaded barrier layer.

Combining the materials that make up this soundproofing panel ensures that the airborne sound is blocked and absorbed. Soundproofing walls using this type of panel will reduce the passage of airborne sound through separating brick party walls and internal stud walls.

## NOISESTOP ACOUSTIC PANEL

**Our slimmest direct to wall soundproofing solution. Minimise space loss and increase the sound insulation in your home.**

## Fitting

**Preparing the wall** - Before you begin fitting the panels, you will need to check and prepare the wall. Remove skirting and coving; if you have electrical outlets, these should be extended if required. Once the installation is finished, these can be reinstated.

**Plan the fitting** - Install the panels anywhere along the wall, starting with the bottom row. Measure the wall and start at a point that means you are not left with a small off-cut at the end. Cut the panels with either a hand saw or a circular saw.<sup>2</sup>

**Attaching the panels** - Apply the Noisestop Acoustic Panel to the walls using Hammer Fixings or the Smart Tack Adhesive. We only advise using the adhesive on flat walls; approximately one tin will fix five panels. Fix the panels using nine hammer fixings per board if the wall is uneven or in poor condition. Screw the panels onto timber or metal studs

**Acoustically seal the boards** - To ensure an acoustic seal between the boards, you should run a bead of acoustic sealant along the edge of the panels as you butt them together. Leave a 2-3mm gap between the boards and floor, walls and ceiling and fill with an acoustic sealant once the panels are all in place.

**Finish fitting the panels** - Continue along the bottom row until the panels are all fitted, then start the next row following the same method as the first row. Use acoustic sealant around the perimeter of the wall and between any boards that require additional sealant.

**How to finish** - Before decorating, we recommend that the panels are plastered or taped and filled or use heavy-duty lining paper. Replace the skirting and coving.

**Electrical outlets** - Use acoustic putty pads inside recessed back boxes of electrical points to ensure you keep the acoustic integrity of the wall.

## NOISESTOP ACOUSTIC PANEL

Our slimmest direct to wall soundproofing solution.  
Minimise space loss and increase the sound  
insulation in your home.

# Building Regulation Requirements

Part E requirements for separating walls

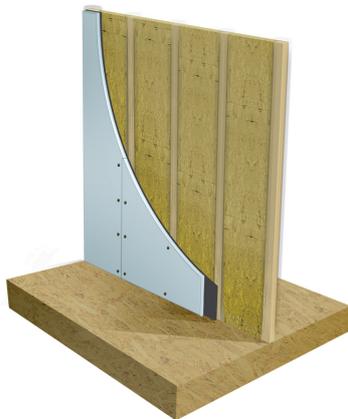
Airborne (minimum requirement)

Purpose-built dwelling houses and flats

45dB

Dwelling-houses and flats formed by a material change of use

43dB



**51dB on a stud wall**



**49dB on a brick party wall**

Stud frame with 50mm acoustic insulation and plasterboard on either side of the wall and the Noisestop Silent Panel installed to one side.

**51dB noise reduction**

Noisestop Silent Panel installed to one side of a single skin brick wall.

**49dB noise reduction**