

Noisestop 2 Panel 28mm  
Wall Soundproofing Solution

# Noisestop 2 Panel 28mm

## Description

The Noisestop 2 Panel is a direct-to-wall soundproof panel bonded to the wall surface. Use this slim soundproofing board to soundproof brick, plastered walls, and stud walls. Apply to separating walls to meet Building Regulations Part E

Transform your living and working spaces by reducing unwanted noise with the Noisestop 2 Panel. This innovative soundproofing solution bonds directly to walls, ensuring that everyday household noises no longer disrupt your space. Adhering the panels directly to your walls minimises space loss, a common issue with thicker soundproofing systems.

### Key Benefits:

- **Direct-to-Wall Application:** The Noisestop 2 Panel is designed to bond directly to brick walls, providing a seamless and efficient noise reduction solution.
- **Space-Saving Design:** Unlike bulkier soundproofing systems, these panels help maintain the dimensions of your room, preserving valuable space.
- **Versatile Installation:** It is suitable for both finished stud walls and brick walls, making it a versatile choice for various environments.
- **User-Friendly Installation:** Simple enough for homeowners to install, yet robust enough for professional tradespeople.

## Performance

### Untreated brick wall DnT,w

Single skin 100mm brick wall 38db

### Treated brick wall DnT,w

Noisestop Acoustic Panel applied 46dB

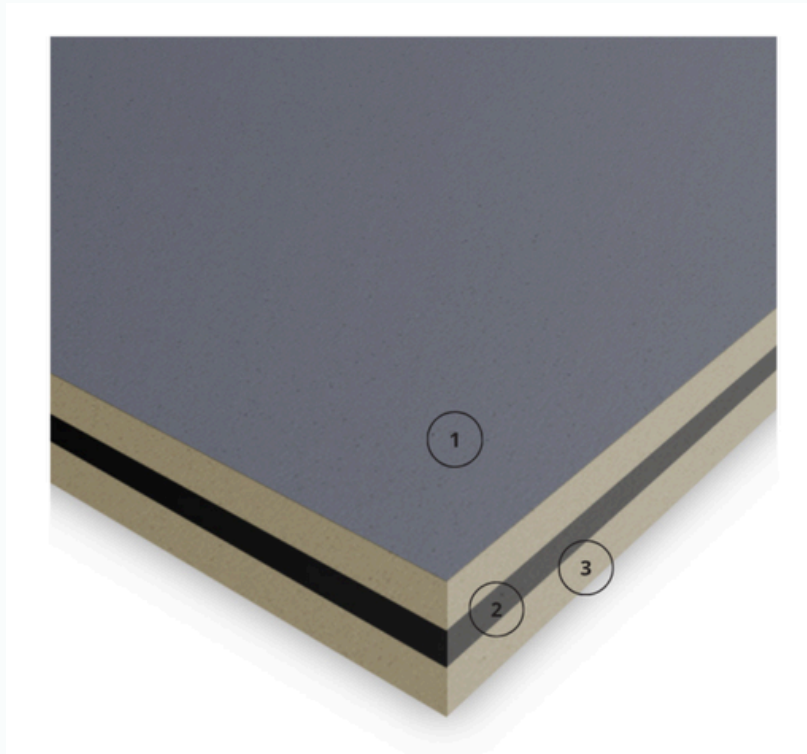
### Improvement DnT,w

Noise reduction with treatment 8dB

Note: Every 10 decibels(dB) reduction in noise level is roughly perceived as a halving of the perceived loudness. So, for instance, if you have a sound that measures 70dB and it decreases to 60dB, it would sound about half as loud to the human ear.

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## Specifications



1. Acoustic Plasterboard 12.5mm – Heavier than standard plasterboard, which adds density to the area. The plasterboard is finished in the same way as standard plasterboard.
2. Mass-loaded vinyl 5kg/2.5mm – High mass barrier layer for sound absorption.
3. Acoustic Plasterboard 12.5mm – Heavier than standard plasterboard, which adds density to the area. The plasterboard is finished in the same way as standard plasterboard.

- **System thickness 28mm**
- **Noise reduction 46dB**

### Thermal Resistance R:

- Acoustic plasterboard 12.5 mm = 0.050 m<sup>2</sup> K/W
- Mass-loaded vinyl 0.14 m<sup>2</sup> K/W

### Thermal Conductivity $\lambda$ R:

- Acoustic plasterboard 0.25 W/mK to BS EN 12524:2000
- Mass-loaded vinyl 0.037 W/mK

### Reaction to Fire

- Acoustic plasterboard 12.5mm Euroclass A2-s1, d0
- Mas-loaded vinyl 10kg EN 13501-1 B-s2,d0 (2)

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## Fitting

### Preparation:

1. Ensure the wall surface is clean, dry, and debris-free.
2. Ensure the surface is in good condition, performing any necessary remedial work to ensure the wall is flat and secure.
3. Remove skirting boards and coving, and extend electrical outlets. Remove thick plastic wall coverings.

### Panel Application:

1. Wall Types: Apply the panels to brick, breeze block and plastered walls using the plasterboard adhesive. When applying to stud frames, use drywall screws to attach.
2. Adhesive Application: Apply plasterboard adhesive to the wall or the back of the Noisestop 2 Panel.
3. Panel Positioning: Press the panel firmly onto the wall; either face of the board can face into the room.
4. Cutting Panels: Use a hand saw or circular saw to cut the panels to size as needed.
5. Sealing: Use acoustic sealant between each panel as you position them together. Leave a 2-3mm gap around the wall's perimeter to reduce flanking sound transmission, filling this gap with acoustic sealant.

### Finishing Touches:

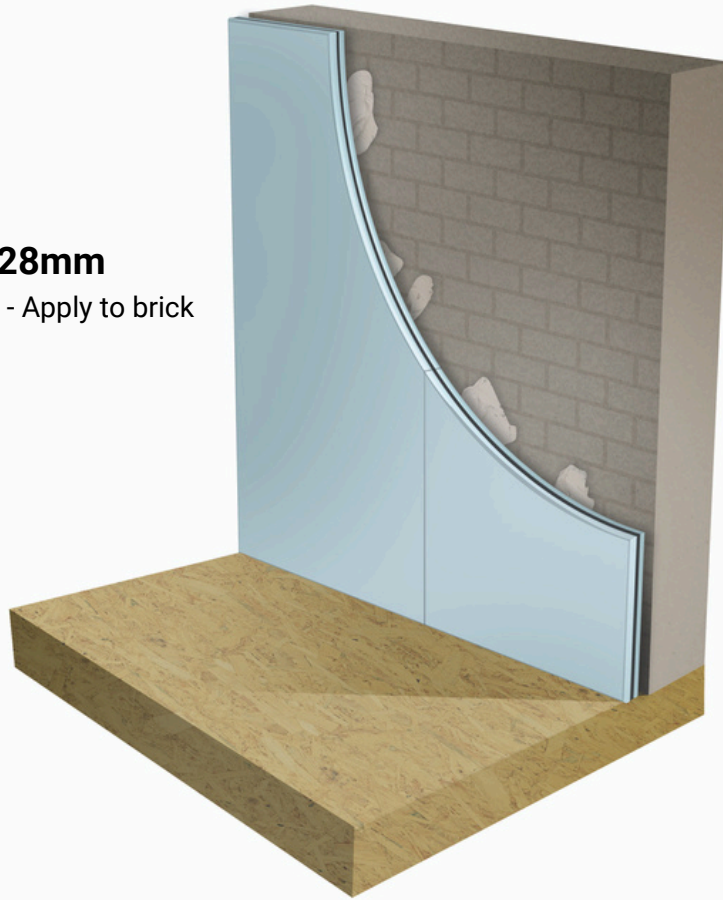
1. Surface Finish: Skim plaster or tape and fill the tapered edge of the panels.
2. Reinstating Features: Reinstall skirting boards and coving and, if needed, extend and fit electrical outlets using acoustic putty pads inside recessed back boxes.
3. Alternative Applications:
4. Stud Frames, Furring Channels, and Soundbreaker Bars: The Noisestop 2 Panel can also be screwed directly onto stud frames, furring channels, and soundbreaker bars as part of a comprehensive soundproofing system for walls and ceilings.



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## Noisestop 2 Panel 28mm

Bonded directly to the wall - Apply to brick or plastered walls



## Associated Products

Acoustic Sealant



Plasterboard Adhesive



Acoustic Putty Pads



[www.noisestopsystems.co.uk](http://www.noisestopsystems.co.uk)  
[info@noisestopsystems.co.uk](mailto:info@noisestopsystems.co.uk)  
01423 339163

**NOISE STOP**  
SYSTEMS