

Product Fitting Guide

Noisestop 1+ panel



How to install Noisestop 1+ panel



- **Tools required:** Tape measure, straight edge, Stanley knife, hand saw.
- **Fixings:** If you are fixing on to stud or ceiling joists you will need dry wall or universal screws. Fit on to party walls with screws and plugs or bond directly to walls with Smart Tack adhesive. AC50 acoustic sealant for the edges of the boards.

Before you begin fitting the panels

Always check the surface you are going to apply the boards and ensure there are no holes, cracks or blown plaster. The surface you are applying the boards should be in good condition. Fill and repair any obvious areas before you start.

All decorative features and electrical points should be removed prior to the installation. Once the work is completed these can be reinstated.

Ready to start fitting the panels

Before you begin installing the boards work out where you are going to start. Ensure that you are not left with a cut at the end of less than 30cm. Once you have worked out where to begin you can start fitting the panels.

Installing the panels with adhesive

If you are installing the panels with an adhesive we recommend using Smart Tack adhesive, a spray adhesive that is applied to the back of the panel and to the wall. Instructions on how to use the adhesive are on the tin. Each tin covers approximately 8 sqm of wall.

You should only use this method on surfaces that are flat and in good condition. You can not apply these panels to ceilings using adhesives.

Installing the panels with screws

Fitting panels on to brick walls - The panels can be fitted directly on to brick walls using screws and plugs. You will need 9 fixing in total; holes will have to be drilled for the plugs and screws. You can use hammer fixing for this type of installation method or brown wall plugs and universal screws.

Fitting panels on to a stud frame, ceiling joist or soundbreaker bars – If you are fixing the panels on to this type of construction you can use dry wall screws or universal screws.

There is no need to pre-drill the panels with this type of fitting method. You should screw straight through the board into the frame work behind the board. If you are fixing into soundbreaker bars the panels are fixed in to the wide corrugated section of the bar.

When you screw the panels in to the stud frame or bar try not to over tighten them. The head of the screw should be flush with the surface of the plasterboard face. This will reduce the chance of the fixings 'popping', the screw goes too deep and does not hold the panel properly causing movement along the edge of the panels.

Cutting soundproof panels

You will need to cut the boards to fit the shape of your room. When you have to cut the boards you can use a Stanley knife, hand saw, jigsaw or circular saw.

Measure the size of the cut and then mark the board; you should only have to cut the panels that adjoin a return wall or the ceiling. If you leave a small gap, approximately 3-5mm around the perimeter you should use acoustic sealant to fill around the perimeter.

Use acoustic sealant along the edges of the boards

As you fit the panels you should butt them together as close as you can. A small 3-5mm gap can be left around the perimeter.

As you fit the panels you should run a bead of sealant along the edge of the first panel. Push the next panel up to the first and then repeat the process, applying a small bead of sealant between each panel as you install them.

At the end of the installation you should check the edge of each board to ensure they are completely sealed. Apply extra sealant to any areas that have not been filled with the acoustic sealant.

Always wipe away excess sealant from the panels once it's been applied.

Reinstating electrical points

During and after the installation of the panels you will have to consider reinstating electrical points. Sockets and lighting points can be fitted after the panels have been installed.

Electrical cable might have to be extended, depending on the depth of soundproofing you are fitting.

Cabling can be passed through the panels, cut or drill a small hole to allow the cable to be passed through the board. If you are fitting plug outlets you should consider surface mounting the back boxes. This will mean reducing the amount of panel that has to be cut away when fitting recessed back boxes.

Ensure any holes that have been made are sealed at the end of the installation with acoustic sealant.

Finishing off

Once you have installed all the panels you can now finish the installation. All soundproof boards in the Noisestop range have an acoustic plasterboard face, with a tapered edge. This allows you to finish the installation in a number of different ways.

The two main methods of finishing the boards are to either, plaster the panels or tape and fill the tapered edge. From an acoustic point of view you can use either method it will not make a difference to the level of soundproofing.

Replace skirting and coving if required and decorate.

If you need any help regarding products or how they are fitted call 01423 339163.