

# **AcoustiClip System**

## **Direct to Wall AcoustiClip System**

### **Fitting Guide**

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SYSTEMS

# AcoustiClip Direct Wall System Fitting Guide

## Setting out the AcoustiClip

You can use the diagram below to find the best way to space the AcoustiClip and AcoustiChannel furring channels.

Five rows will be sufficient on most walls. Walls over 2.65m will require an additional row of clips and channels.

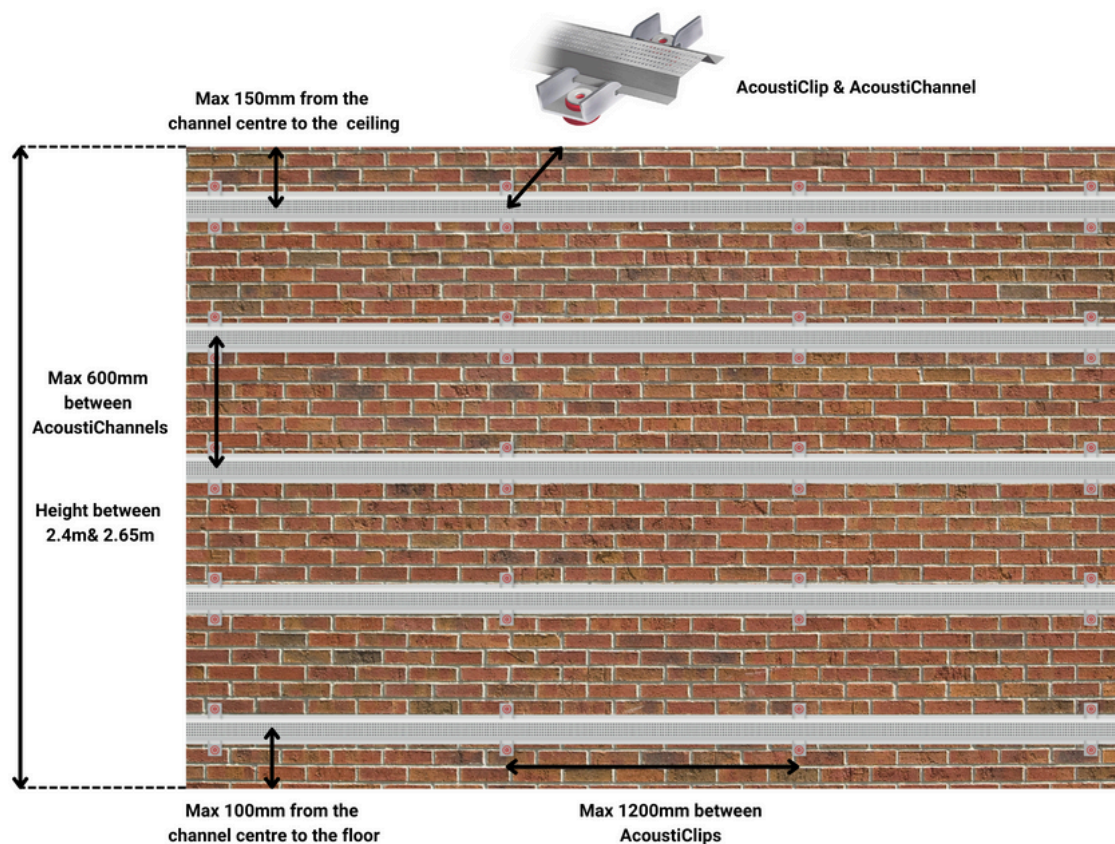
The AcoustiClip Direct System can be installed directly on any solid wall type, including brick, concrete and block.

## AcoustiClip Layout Diagram

Maximum spacing horizontally 1200mm

Maximum spacing vertically 600mm

AcoustiClips are fixed at the end of each row 50mm maximum from the adjoining walls



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## Step 1.

Ensure any skirting and coving are removed from the wall.

Electrical outlets should be disconnected, and the cable should be lengthened to reinstate once the wall is completed.

Once you have prepared the wall, you can begin fitting your soundproof system.

## Step 2.

Fix the AcoustiClips to the wall. Once you have worked out the best layout for your wall, you can start attaching the clips. Don't overtighten the clips; a medium torque on the driver setting should be sufficient. The AcoustiClip will compress approximately 5mm when affixed.

Fix the AcoustiClip to the wall using plugs and screws. You will need to pre-drill the hole and use a wall plug and screw to secure the clip. Brown wall plugs would be suitable and standard screws of at least 55mm in length.

- Maximum distance between clips is 1200mm
- Maximum distance between furring channels is 600mm
- Maximum distance from wall and clip is 50mm
- Maximum distance from the floor to the bottom row is 100mm
- Maximum distance from the ceiling to the top row is 150mm

## Step 3.

Secure the AcoustiChannel into the AcoustiClip. Pinch the bridge of the furring channel into the teeth of the clip to secure it. To join lengths of AcoustiChannel, overlap them by 100mm and fix them together with drywall screws to secure them. Avoid overlapping the channel on a clip; join the channels between AcoustiClips.

## Step 4.

Fitting the acoustic insulation between the AcoustiChannel: Cut the insulation slabs to fit between the channels, trying to avoid the insulation being in contact with the channel; it doesn't matter if it is in contact with the clip.

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## Step 5.

Installing the first layer of boards. Using drywall screws, the first layer of acoustic plasterboard is fixed to the AcoustiChannel. Use a minimum length of screw of 25mm for this layer. Screws should be every 200mm along the furring channel. Leave a 5mm gap between the bottom edge of the board, the floor, and from the ceiling and return walls. This can be filled with acoustic sealant once this layer is installed. If gaps appear between the boards, use acoustic sealant to fill them.

## Step 6.

Installing the final layer of boards. Use 50mm drywall screws to secure the Noisestop 1 Plus Panel. The pre-bonded mass-loaded vinyl membrane on the back of the board will be sandwiched between the two soundboards. Follow the same fitting instructions as the first layer.

## Step 7.

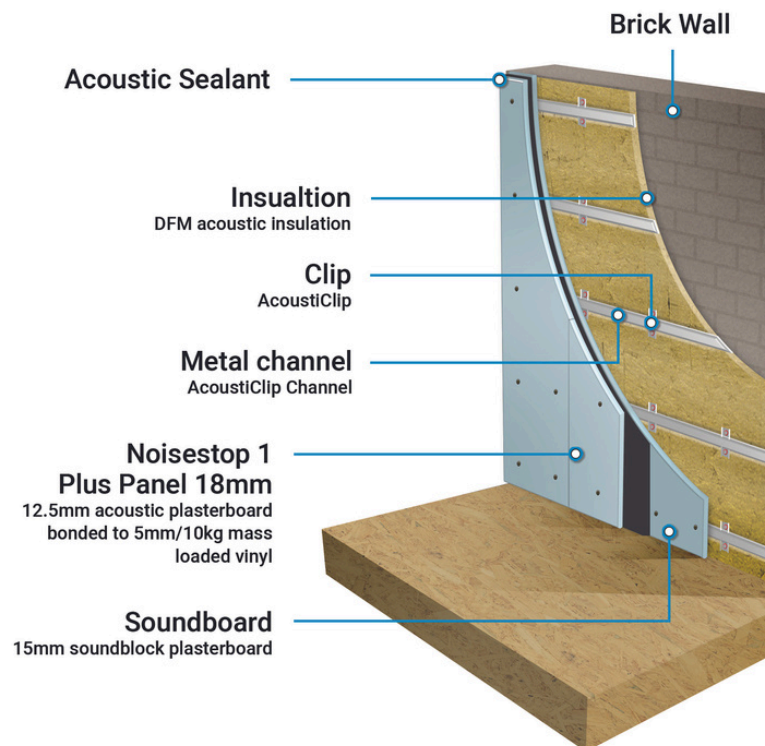
Finishing off your wall. The AcoustiClip Systems final layer can be finished in the same way as standard plasterboard. A plaster skim can be applied, or the board's tapered edge can be filled before decorating. You can use lining paper or paint straight onto the boards.

Electrical outlets can be reinstated. We recommend using acoustic putty pads inside the box boxes to maintain the wall's acoustic integrity.

Skirting and coving can be reinstated.

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## AcoustiClip Direct System



## Cross Section AcoustiClip Direct System

