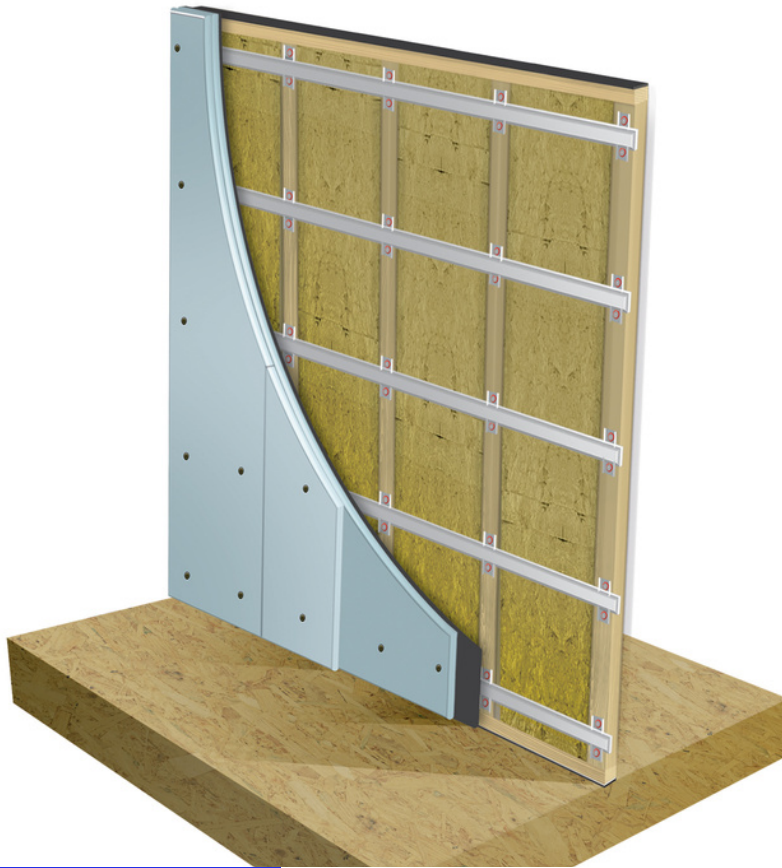


ACOUSTICLIP STUD WALL SYSTEM

SOUNDPROOFING SPECIALISTS
NOISESTOP SYSTEMS



ACOUSTICLIP STUD
WALL SOUNDPROOFING
SYSTEM



SOUNDPROOFING SYSTEMS

Achieve high levels of soundproofing in your home and work environment using the AcoustiClip System.

Install the decoupling bar and isolating clip onto walls and ceilings to ensure the highest soundproofing levels.

ACOUSTICLIP SYSTEMS

The AcoustiClip System is a high performing sound reduction system that offers robust soundproofing required in our noisy homes and workplaces.

Fit AcoustiClips onto studs, ceiling joists, concrete ceilings and solid masonry walls. Combined with the AcoustiChannel to form the base of your soundproofing system, you can secure soundproof boarding and acoustic membranes that are isolated from the structure of the building.

The system is economical, space-saving and provides excellent levels of noise control.

ACOUSTICLIP STUD WALL SYSTEM

Our highest performing stud wall system is the Acousticlip system, which has acoustic insulation and soundproof panels to significantly reduce airborne and vibration through walls.

ACOUSTICLIP

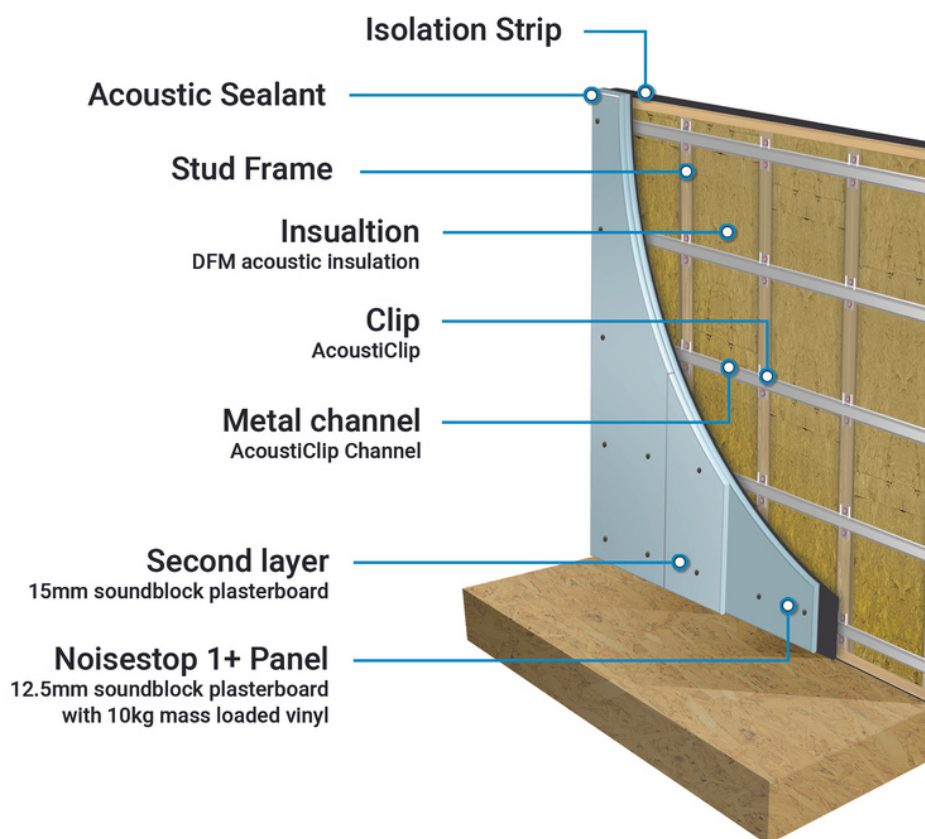
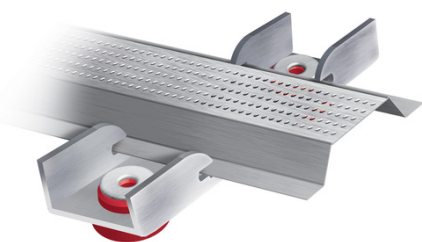
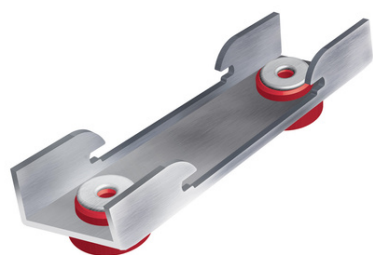
Excellent noise reduction levels make this a great choice for rooms that require high levels of noise control

SYSTEMS

Combining acoustic materials ensures the very best levels of sound reduction against airborne and impact sounds

SOUNDPROOFING

Soundproof your home, office, workplace, music room, studio with the AcustiClip System



ACOUSTICLIP STUD WALL SYSTEM

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Noise Reduction on a Stud Wall 61dB



Noise Reduction on a Solid Wall 69dB



- Isolation Strips isolate the new stud wall from the existing existing
- DFM acoustic insulation between the studs to increase the sound absorption within the walls cavity and reduce reverberation
- AcoustiClips are applied to the stud frame to create the isolation required for significant noise reduction
- AcustiChannel fitted into the clips to form the base of the soundproof wall
- Noisestop 1+ Panel incorporating acoustic plasterboard and a layer of pre-bonded 10kg mass loaded vinyl
- A further layer of 15mm acoustic plasterboard adds mass to the wall
- Use an acoustic sealant to seal the boards to enhance the acoustic performance

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Fitting AcoustiClip Stud Wall System

Stud frame - Install the stud frame using timber or metal. Secure the frame to the ceiling and floor, and the return walls, where possible, leave a small gap between the existing wall. Use Noisestop Isolation Strips around the perimeter of the stud to isolate it from the rest of the building.

Note - If you soundproof an existing stud wall, you don't need to install another; you can move on to the next stage.

DFM Acoustic insulation - Infill the cavity between each stud with the required insulation thickness. Cut the slabs slightly wider than the opening to ensure the friction fit between the studs.

AcoustiClips - Position the clips onto the stud at vertical centres of 600mm with a maximum space of 1200mm between clips on the vertical studs (fit a clip to every other batten on a 600mm centre stud frame). The bottom row of clips should be at most 75mm from the floor. The top row should be at most 150mm from the ceiling. Fix the AcoustiClips to the stud with wood screws.

AcoustiChannel - Attach the Acoustichannel into the Acousticlips by squeezing the channel and slotting it into the clips. Join the lengths together with a 100mm overlap and screw them together.

Noisestop 1+ Panel - Screw the Noisestop 1+ Panel into the AcoustiChannel with dry-wall screws. Leave a small 2-3mm gap around the wall's perimeter. When fastening the boards to the channel, make sure you avoid fixing into the stud frame behind the clips; doing this could affect the acoustic performance of the wall.

ACOUSTICLIP STUD WALL SYSTEM

Our highest performing stud wall system is the Acousticlip system, which has acoustic insulation and soundproof panels to significantly reduce airborne and vibration through walls.

Fitting AcoustiClip System

Acoustic plasterboard - Fit the final layer of acoustic plasterboard over the Noisestop 1+ Panel, staggering the joints between the first and second layer of boards.

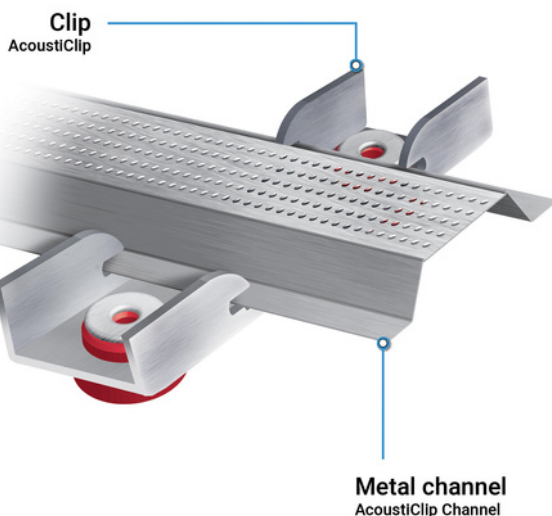
Acoustic Sealant - Fill the wall's perimeter between each board to fill any small gaps.
Note - Seal between each board as you push them together to create an acoustic seal.

Electrics - If you are reinstating electrical outlets, use acoustic putty pads inside the recessed back boxes to ensure the acoustic integrity of the wall.

Fitting the AcoustiClip

Secure the Acousticlips to the wall using 60mm screws and brown wall plugs.

The AcoustiChannel clips into the fixing point by pinching the metal channel in place. Alternatively, you can slide the clips onto the channel before screwing the AcoustiClips in place.



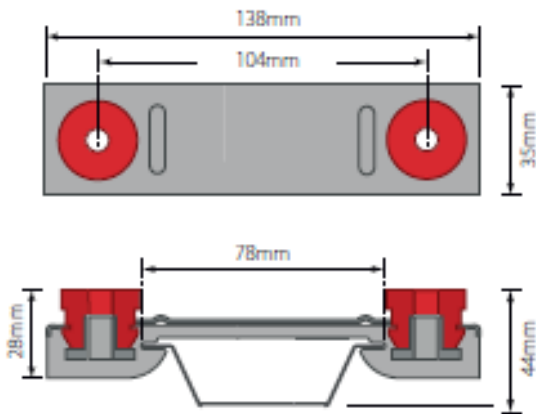
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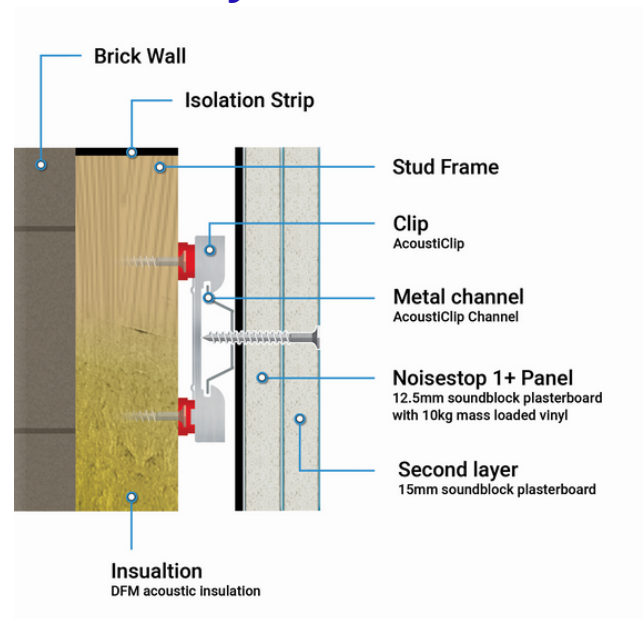
Overview

AcoustiClip Stud Wall Soundproofing System

AcoustiClip & AcoustiChannel



Cross Section AcoustiClip System



- Soundproof solid brick and stud walls using this wall system
- An excellent performance against airborne and vibration sound of 69dB
- Only 77mm thick, you can install this system into smaller rooms
- Competent DIYers can carry out the installation
- Ideal solution for noisy neighbours and rooms that require a good level of noise control