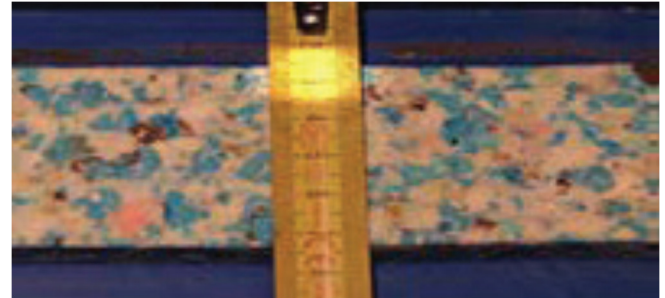


STEP 1:

Mounting Polypress Strips

A.

Start by cleaning the floor, wall and ceiling. Attach the vibration insulating Polypress Strips to on the floor, along the walls and ceiling, at a distance of approximately 25 mm from the wall or ceiling, depending on what you want to insulate.



Later on a double layer of plasterboard needs to rest on these strips to prevent them touching the walls, floor or ceiling. These strips insulate impact noise to the building. The Acoustic Studs also rests on the Polypress Strips, partly, except for the ± 25 mm, the distance between the strips and the wall. Make sure that the strips are tightly fixed together, this prevents sound leaks.

STEP 2:

Mounting the Acoustic Studs

A.

Now that the Polypress Strips have been mounted, you can install the Acoustic Studs. Place the Stud tightly in the corner against- and on the Polypress Strips.



B.

The Studs are pre-drilled. You just need to drill a hole in the wall for the plug. Use each hole in the Studs, all 5 of them, to be sure of a strong fixation. Mount the Studs to wall using screws and/or plugs, depending on the type of wall. The holes in the Studs are 5 mm in diameter. Use screws of about 40 mm long.

C.

The first vertical row of Studs is now mounted in the corner. The second row of vertical Studs needs to be mounted with a distance of 570 mm, measured 'centre-to-centre' of the first row of Studs to the second row of Studs. The remaining rows you need to mount with a 'centre-to-centre' distance of 600 mm.

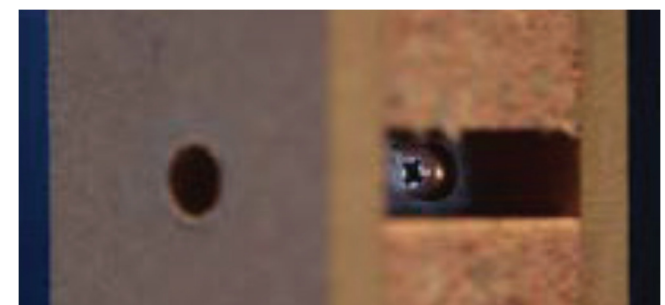


When soundproofing a ceiling the distance between each Stud should be 300 mm 'centre-to-centre'. You also need twice the amount of Studs! If you used the 120 mm thick Studs you also need the double amount of Akoestikon Insulation Wool to fill the void of 120 mm between each Stud.

STEP 3:

Cavity filling, Akoestikon Insulation Wool

The first 'section' is now almost ready. The cavity filling, Insulation Wool, can now be placed between the Studs. This wool product needs no glue, these remain clamped between the Studs almost by themselves. If you are short of hands, you can use a little mounting kit or a double-sided tape so that the sheets stay in place. Ensure a good connection between the Stud. The slots between the vibration insulation of the rails do not need to be filled.



STEP 4:**Mounting a double layer of plasterboard panels****A.**

Now that the Insulation Wool sheets have been placed, you can mount two layers of plasterboard to the Studs. These two layers of plasterboard are recommended for sufficient mass, strength and soundproofing. The first layer of plasterboard is completely placed on the Polypress Strips. The second layer may have a little overlap, that's okay.

**B.**

Seal the gap between the floor, wall and ceiling and the last layer of plasterboard. Sealing is a bit difficult if the wall is plastered. Acoustically speaking it is better to use a sealant, but if you choose a plaster finish, you can choose from a different finishing option. See the photo for a wall with two layers of plaster, without finishing.

Products and tool for the job

Products from our Webshop, calculation example on [the product page](#):

- Akoestikon Acoustic Studs (60 or 120 mm).
- Polypress Strips (self-adhesive).
- Akoestikon Insulation Wool (mind the 120 mm void filling).

To be provide by yourself:

- Plasterboard, double layer.
- Drill, 5 mm drill bit.
- Screwdriver, or screw bit.
- Sharp knife, for cutting insulation wool and plasterboard.
- Plugs and screws for mounting Studs and plasterboard.
- Sealant (to fill gap around the plasterboard sheets).

Tips from other customers:

- If necessary, especially if in doubt, use a pipe/cable detector so you can find pipes in wall or ceiling. This prevents you from running into a water pipe or cable with a drill during installation.
- Wall sockets can be placed on the plasterboard mounted. Do not mount this directly in front of the old one location as this is, acoustically speaking, a weaker one place. Extend the power cable, slide one Stud over, you a flexible PVC pipe and guide it through a Stud to the next section and install the socket or light switch.
- Objects can be attached to the Akoestikon Stud wall with a maximum weight of 10 kg. It's recommended to install an extra Stud between two Studs to mount an object such as a clock, painting or lamp. It is not recommended to mount heavy objects to the new wall such as bookshelves or heating radiators. These are just too heavy. Moreover, they can transmit vibrations to the wall via the pipes.

Questions about installing an Akoestikon Acoustic Stud wall? Just [lets us know](#), there is Customer Service for!

Best Regards,

Team Acoustic Shop

Customerservice@acousticshop.co.uk