

SAPPA

Acoustic Panels _ Installation

We offer several options to install Sappa acoustic panels.

The chosen option should be according to the type of wall / ceiling,

The options are: screws, Z-lock hangers, magnets and adhesives.

General information

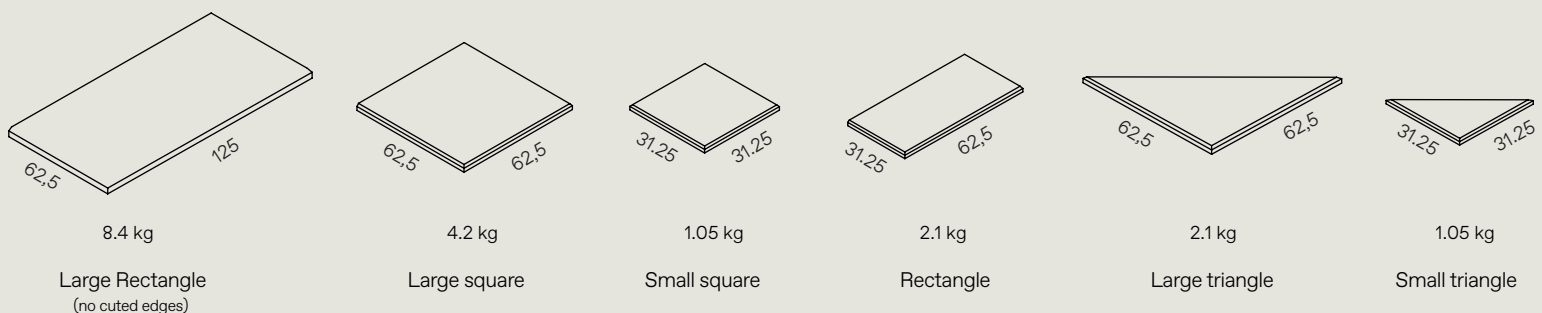
Arrival & Installation

SAPPA acoustic panels are delivered ready to mount, as in your preferred solutions for fixing. open the boxes when it arrives and in any case of damages caused by shipment report to us as soon as possible.

if the panels are not immediately mount, make sure they are stored in original packing in a clean, climate controlled environment free of moisture, The panels should be stored until installation on a level surface. while moving and installing the panels, it should happen with care and gentle.

Wall and ceiling surface should be clean and free of dust. Never install the panels on surfaces subject to humidity or on recently painted surfaces- paint should completely dry before installation.

Shapes & Sizes



This manual is intended only as a guide to the basic principles. Full responsibility, identification of faults and problems, lies with the installer. Substrates, walls, etc. must be checked on site by the installer. The installer installs the construction on site according to applicable regulations and laws. Sappa assumes no responsibility for installation and selection of materials. Check the material immediately after delivery. If there is any damage, wetness or moisture inside, notify Sappa immediately.

Do not install materials of unacceptable quality.



Screw

SAPPA acoustic panels can be installed by screwing them directly to the wall / ceiling.

We supply a template (figure 2) for each shape and size that allows you to mark the holes on the both the panel and wall / ceiling before hanging.

This facilitates a convenient way to ensure level and symmetrical hanging.

Screws should be at least 50 mm long, and with a thickness of between 4 and 5 mm.

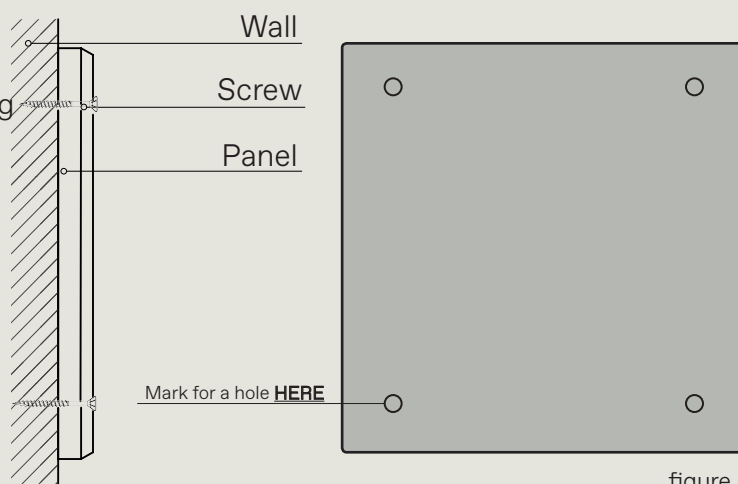


figure 2

Screw -Ceiling fixig

Hanging the panels from the ceiling requires the construction of a wooden / metal skeleton grid,

which allows the panels to be attached to it directly (figure 3).

We recommend using screws to hang panels from ceilings.

Note:

The panels can be screwed directly to the ceiling or to suspended ceilings. When hanging down, a support (wood or metal) is required every 31.25 cm, where the panels are screwed on.

For the installation of light etc, the frame should overlap the hole by approx. 1 cm.

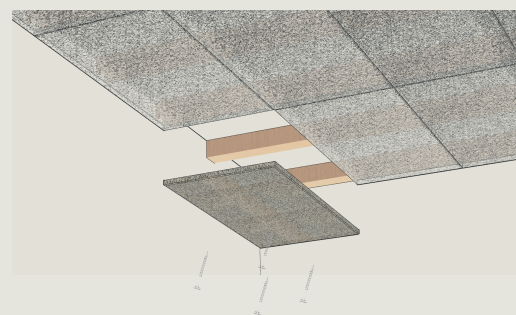


figure 3

Wooden Z hanger fixing

SAPPA acoustic panels can be installed by using wooden Z-lock hangers to install them directly on walls. Z-lock hangers are intended for walls only, and provides for quick, versatile, and modular installation, allowing to choose a variety of patterns since changes can be made quickly, easily, simply and cheaply.

Z-lock hangers come in pairs with one part attached to the panel and the second part attached to the wall (figure 4).

Make sure when installing the Z-lock hangers, that the parts are properly levelled, thus ensuring that both parts meet with no angles.

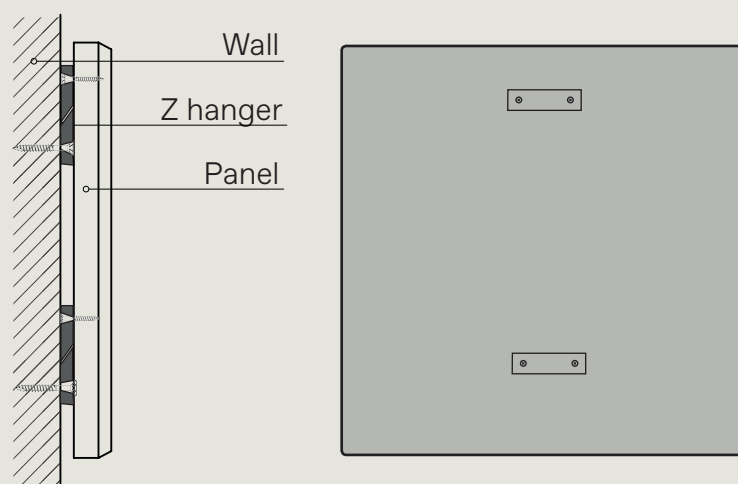


figure 4

Magnet fixing



SAPPA acoustic panels can be installed by using magnets to install them directly on walls. Magnets are intended for walls only and is a good choice if you are seeking an option that is modular, versatile, and flexible.

Metal plates are attached with 4 screws in each corner of the panel (figure 5), and magnetic circles are screwed directly to the wall.

The panel can then be hung on the wall using the force of the magnet.

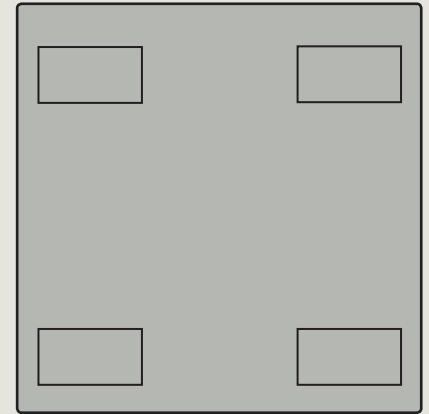
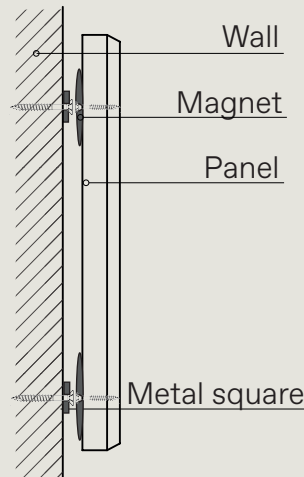


figure 5

Adhesives



SAPPA acoustic panels can be installed by gluing them directly to the wall using most commercial construction adhesives.

The specific glue chosen should be according to both the material of the panels as well as the surface it is being attached to.

Using adhesives is intended for walls only.

*The glue should be strong enough to stick to a weight of at least 20 kg per square meter

Note:

We believe that the use of adhesives has several disadvantages since installation is permanent:

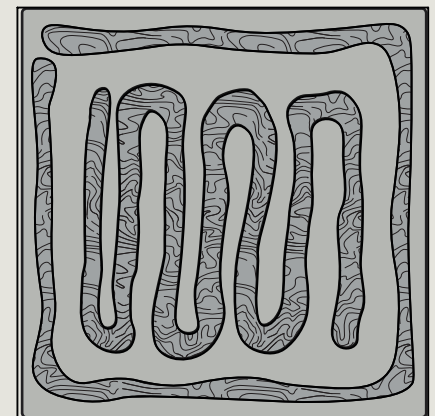
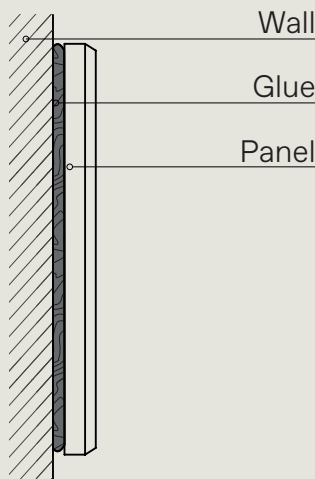
- Inflexible – changes / alterations are both costly and wasteful
- Irremovable – unable to reuse or recycle the panels
- Most adhesives are not environmentally friendly

Therefore, when choosing to install with adhesives, we highly recommend using Klima Light Calceglue which has a Green Building rating of 5.

It is a mineral 1-K component mortar ; filler adhesive based on natural hydraulic lime (NHL).

When using this recommended glue or any other adhesive, follow the instructions on the product data page.

The adhesive should be applied to the panel as indicated in the picture (figure 1). Avoid reaching the edges, keeping a distance of 2-3 cm so that no glue oozes out from the sides while applying pressure on the panels.



Spreading method

figure 1



Rating 5

