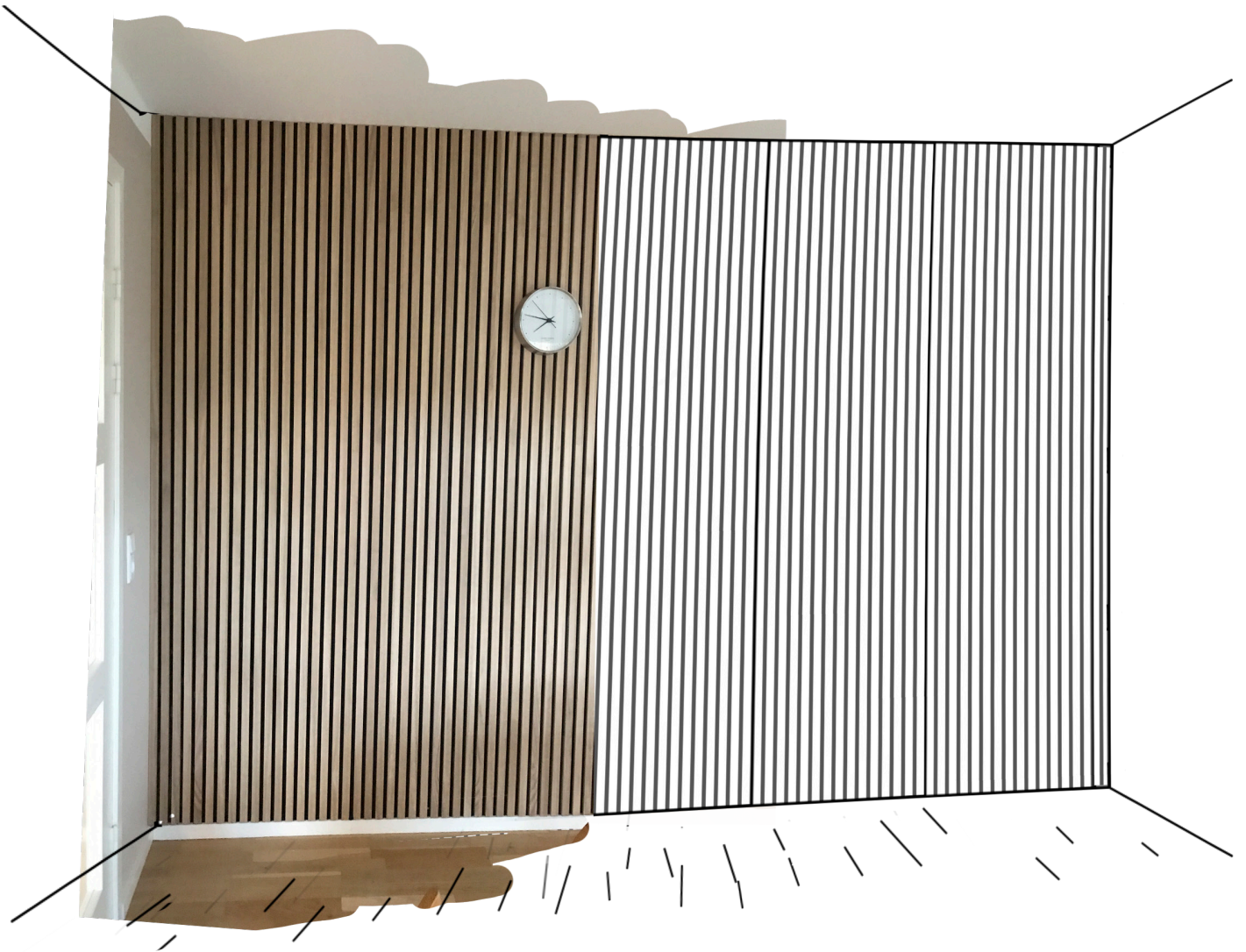


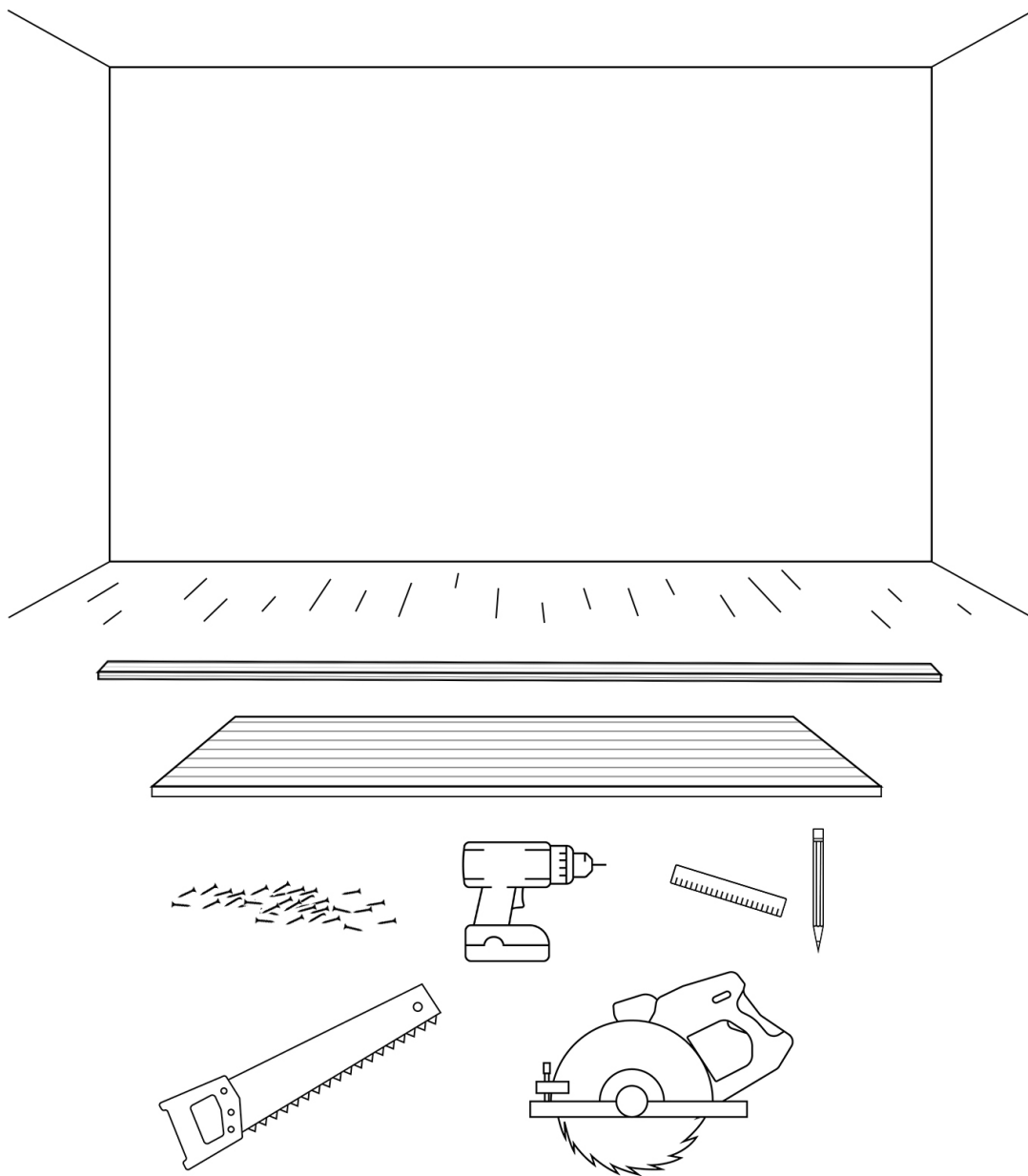
Installation Guide Akupanel



How to install the Akupanel
- step by step

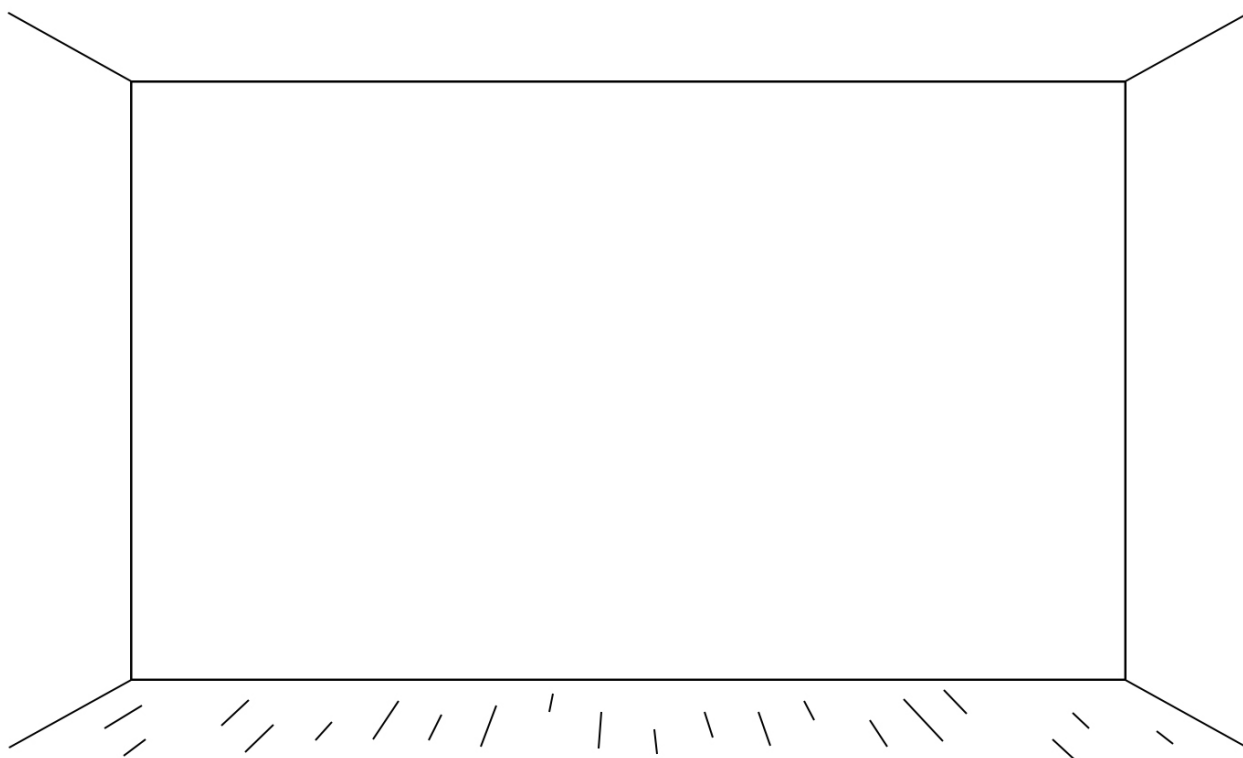
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The tools you will need:



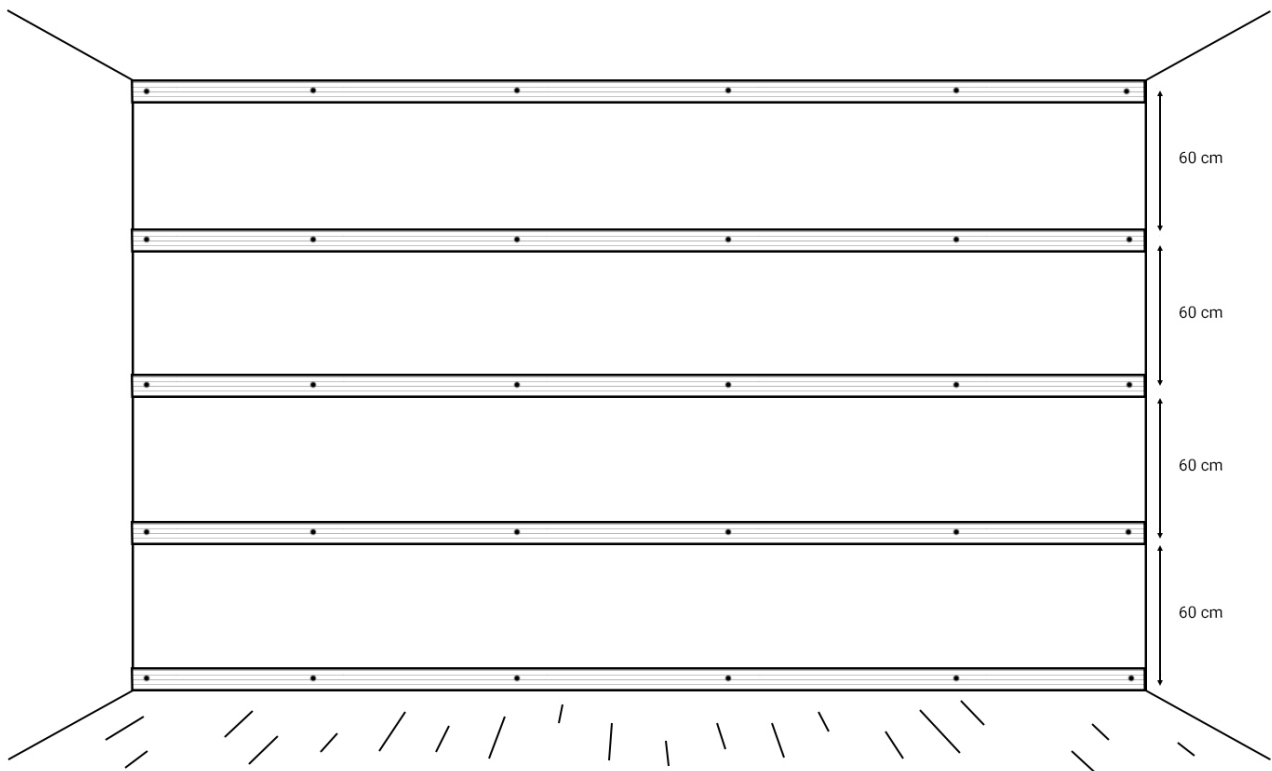
- A saw - either a circular saw or a normal saw (foxtail).
- A screwdriver.
- Screws for the Akupanel and the underlying battens.
 - » Black screws approximately 35 mm. for mounting the Akupanel.
 - » You will potentially need small screws (approximately 15 mm.) for fixing the lamellas on the felt when after cutting the panels in length.
 - » Screws and plugs for mounting the battens on the wall.
- Battens (we recommend 45 mm. in thickness).
- Mineralwool (45 mm. in thickness).
- A scale.
- Pencil.

Step 1 | Preparing the wall:



Start by preparing the wall. Clean the wall and remove any screws, nails and other obstacles on the wall.

Step 2 | Mounting the underlying battens:

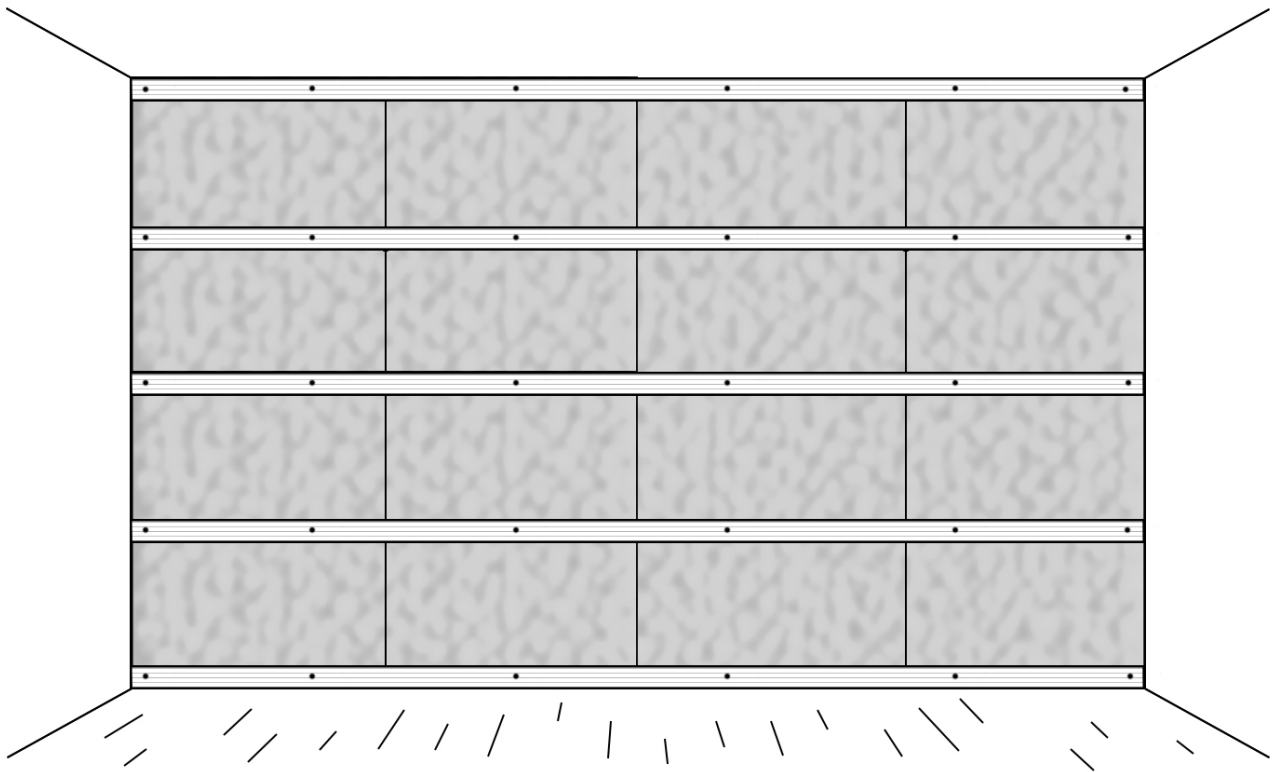


The first thing you need to do is to mount battens on the wall. This enables you to drill the screws through the felt of the akupanel and into the battens. Depending on the wall you will need plugs and screws that fits accordingly to your wall type. We recommend that you keep a distance of 60 cm. between the battens.

The reason you need to mount the battens on the wall is that it enables you to insert mineral wool between the battens so that the wall will obtain Sound Class A, which is the highest attainable sound dampening class.

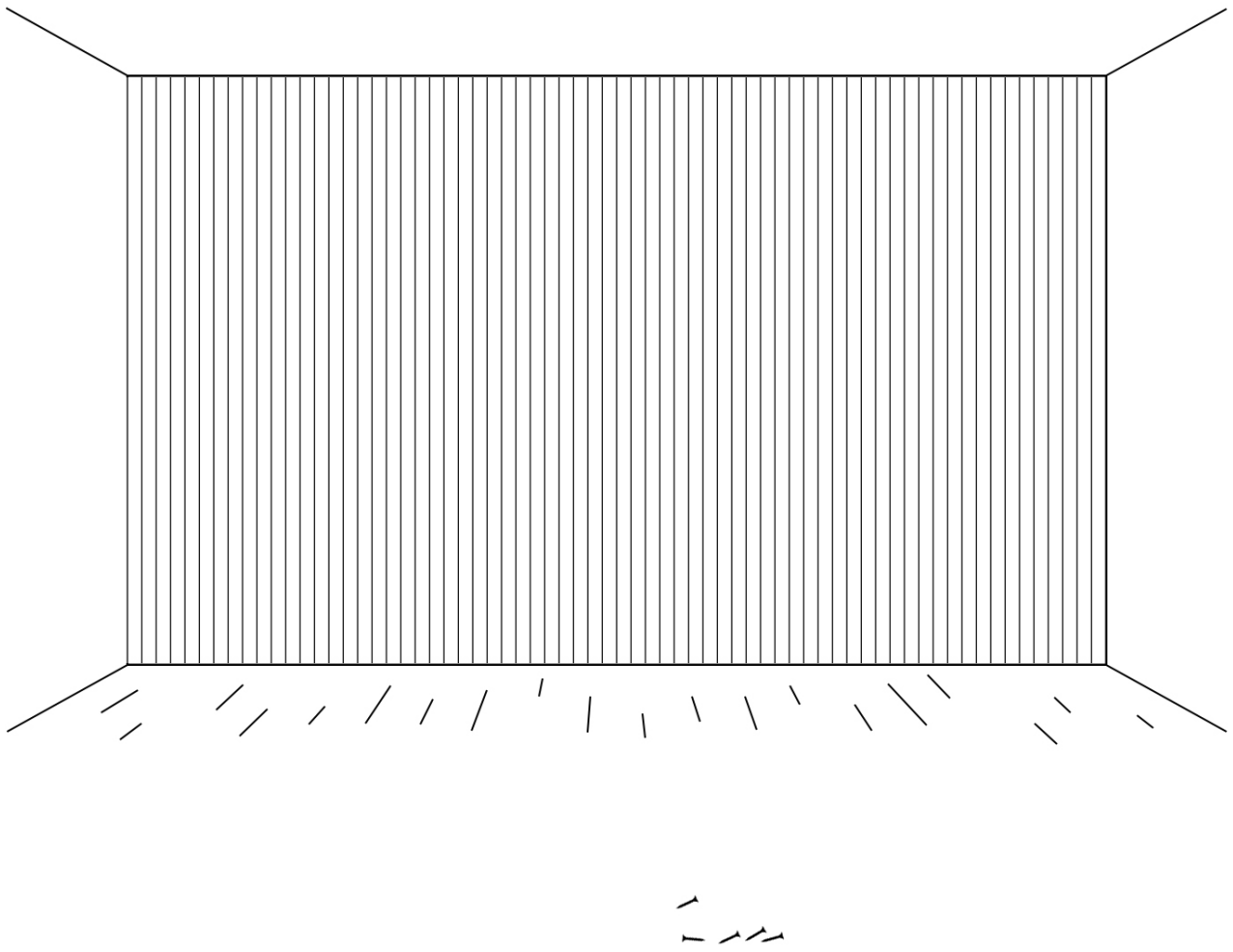
As an alternative you can choose to install the Akupanel directly on the wall using screws or glue/adhesive. This makes the wall reach Sound Class D, which also is a decent sound class.

Step 3 | Insert mineral wool between the battens:

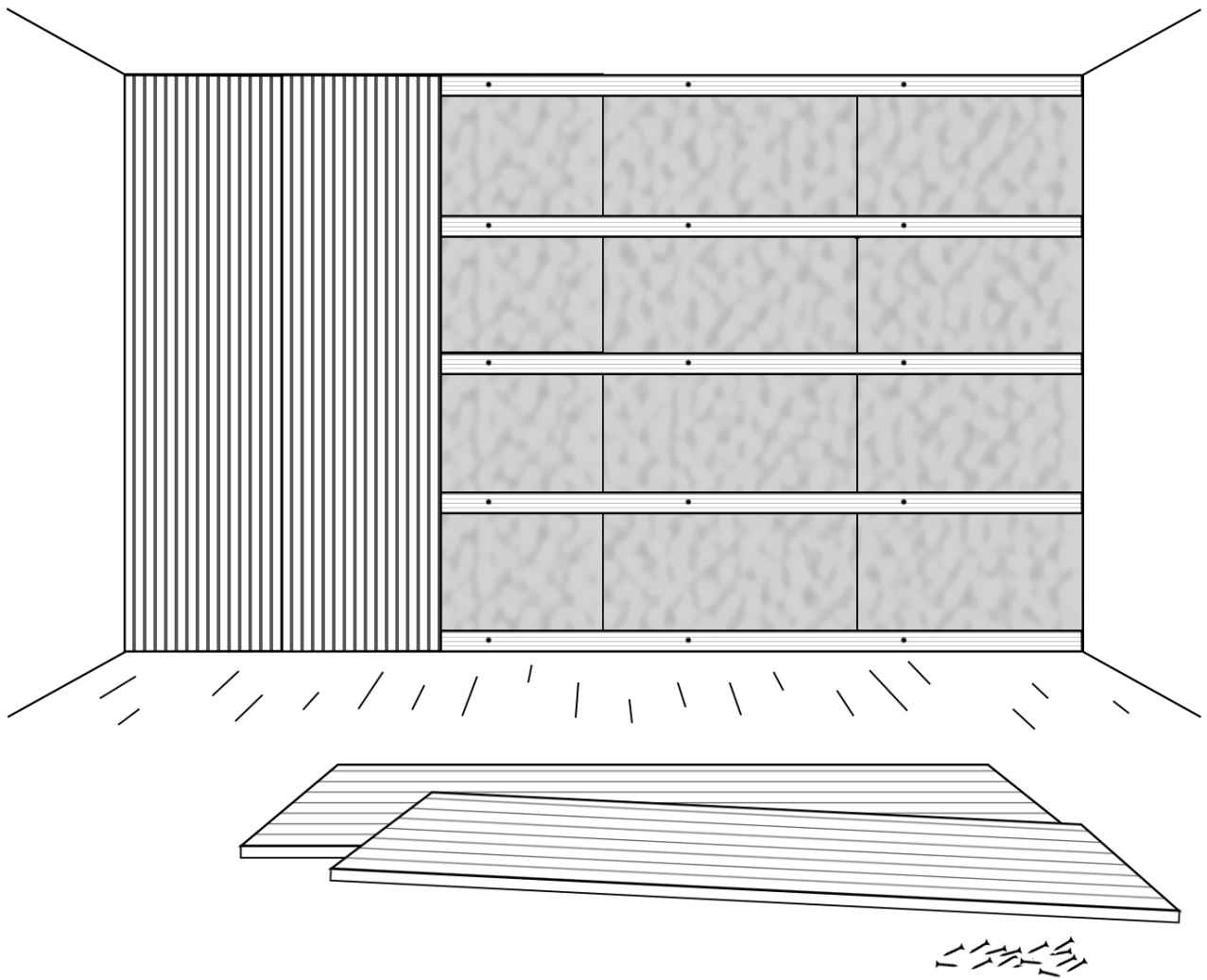


Insert a 45 mm. mineral wool between the battens. The mineral wool can be cut using a knife. The mineral wool is then squeezed in between the battens.

Step 4 | Mounting the akupanel:

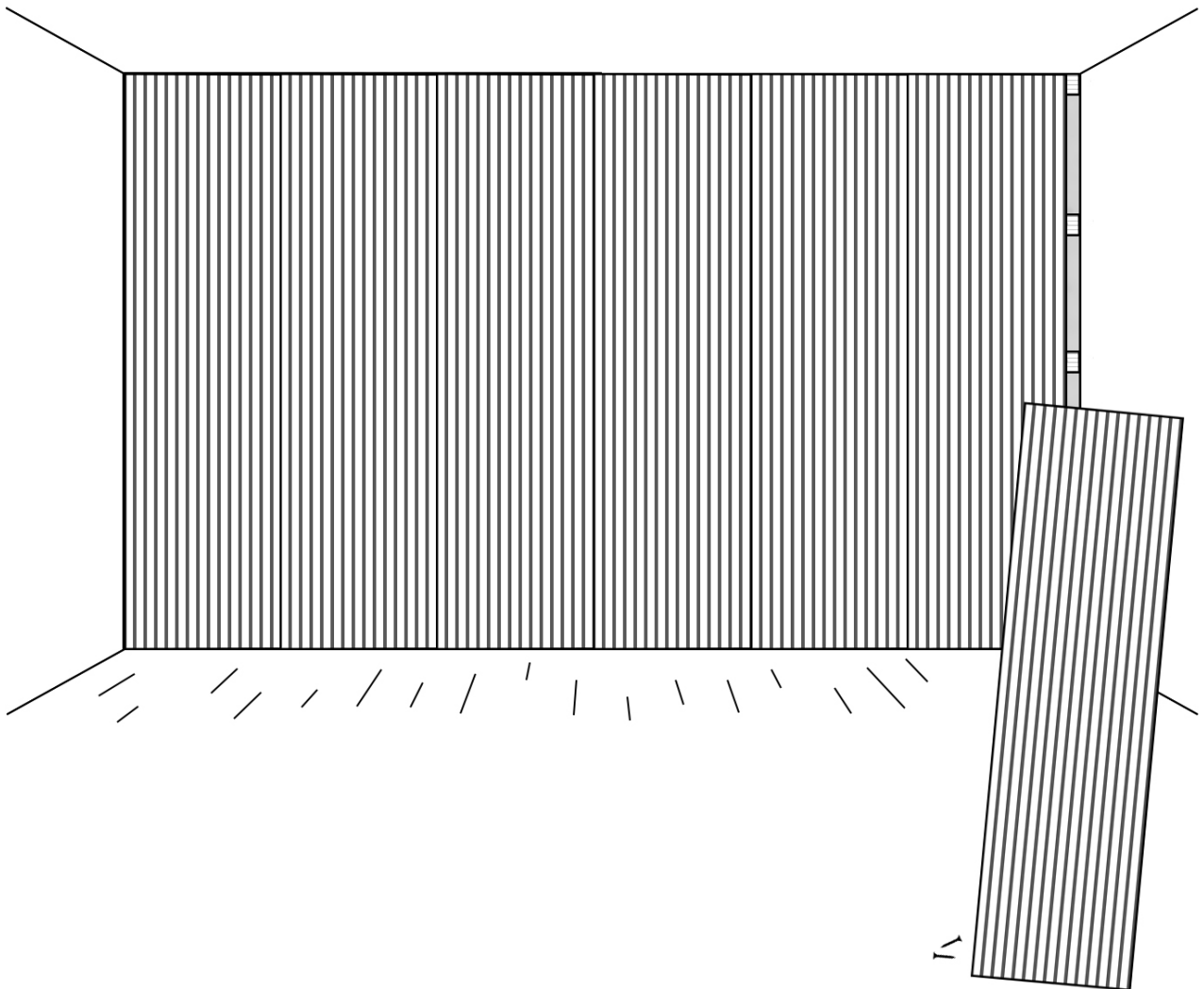


Mount the Akupanel on the wall by drilling the black screws (35 mm.) through the black felt and into the battens. We recommend 15 screws per Akupanel.

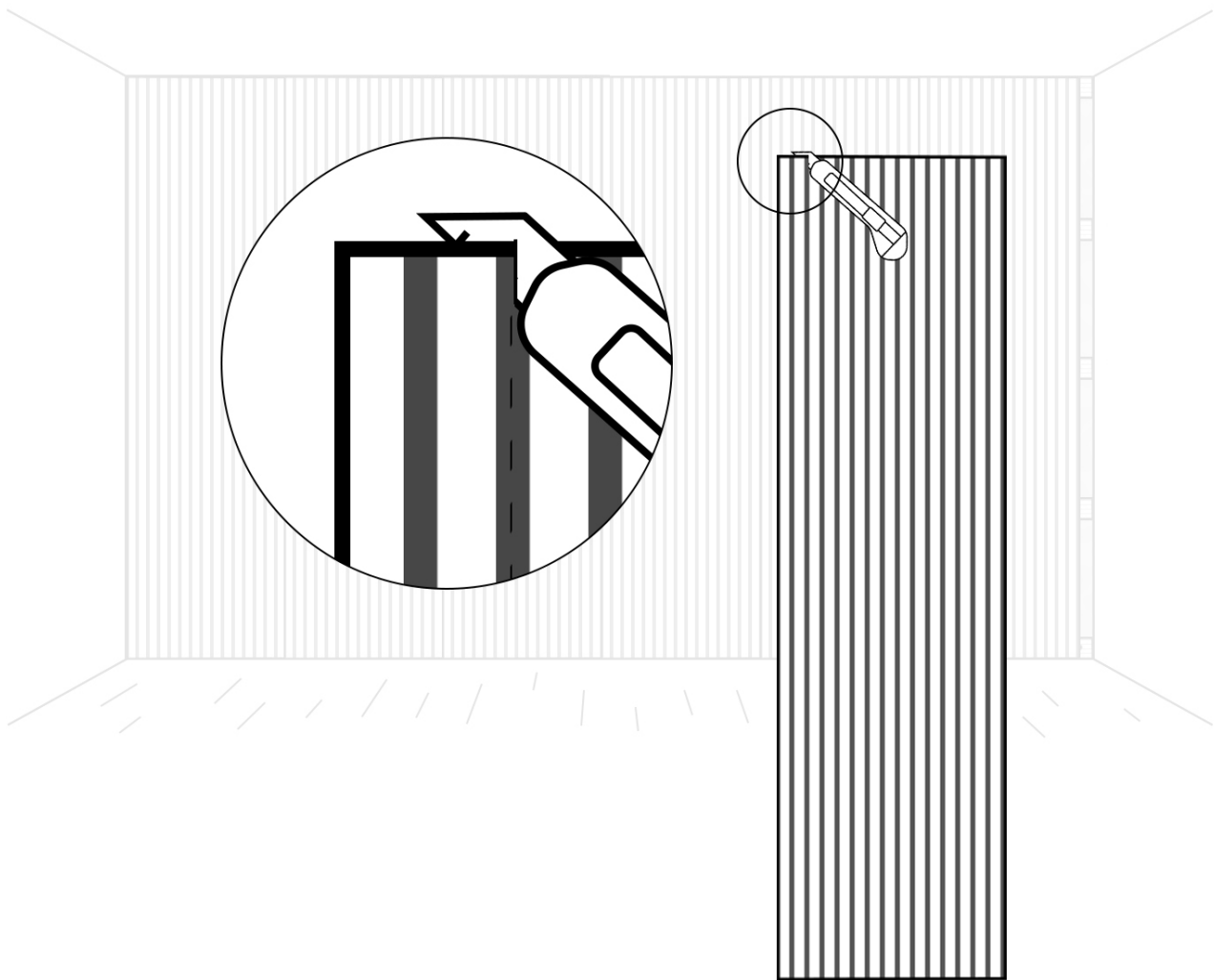


The panels have a felt side and a lamella side. When you mount the panels in continuation of each other you need to make sure that the felt side from one panel is flush with the lamella side on another panel so that there is about 12 mm between the lamellas in the jointing.

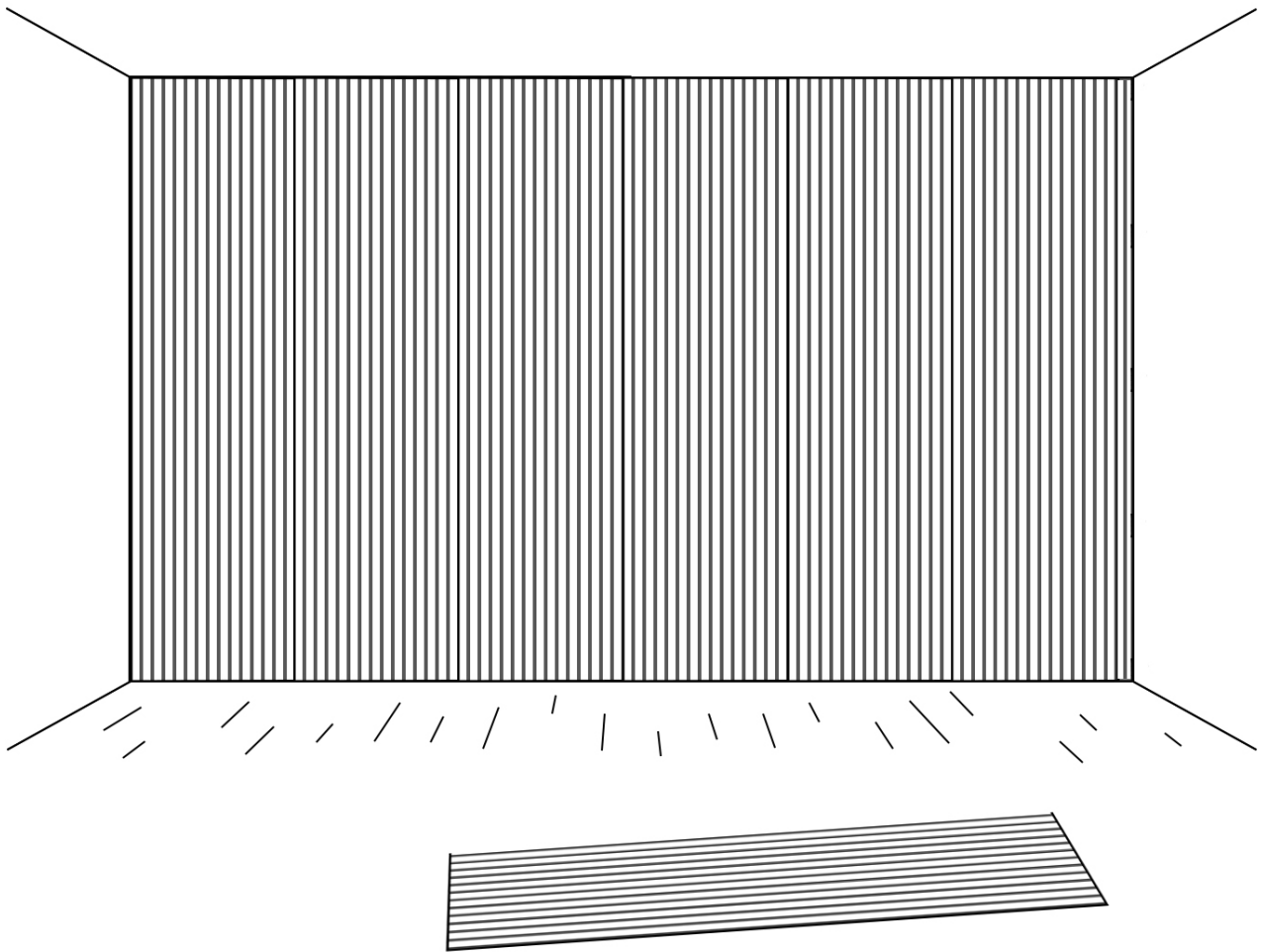
Step 5 | Cutting the Akupanel in width:



When reaching the end of the wall you might need to adjust the panels in order to make the panels fit.

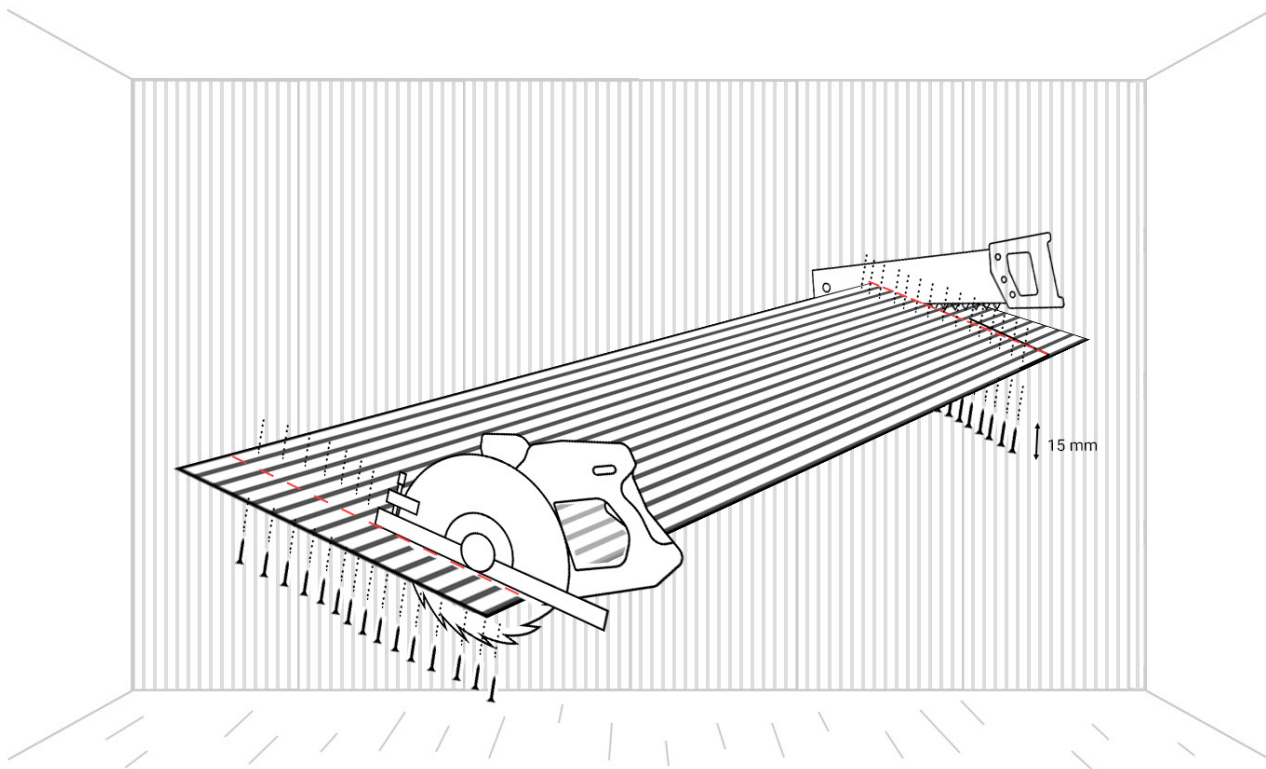


Adjusting the akupanel sideways is done by cutting the panel in the felt using a knife.



Then mount the last piece on the wall - again by using black screws through the felt.

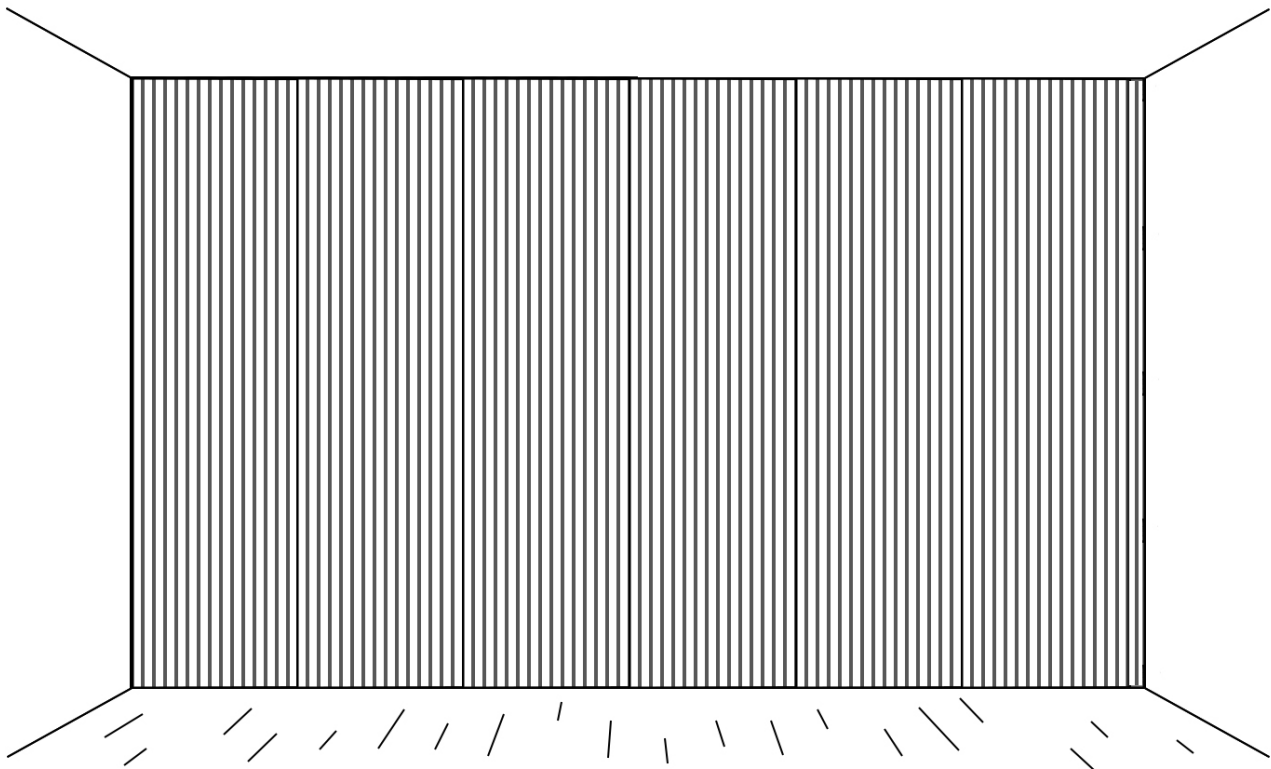
Step 6 | Cutting the Akupanel in height:



If you need to adjust the height of the Akupanel you can do so by using a saw like for instance a circular saw or a foxtail. Mark the cutting line on the panel with a pencil.

Once you have cut the Akupanel it is a good idea to fasten the lamellas to the felt. This is done by drilling a screw (approximately 15 mm.) into the lamellas through the felt on the back of the panels.

Step 7 | You are done:



Congratulations! Your wall is now fully installed.

The wall will significantly improve the general acoustics of the room and remove reverberation, so that you will be able to relax and hear what your guests are saying.