

How to install your Akupanel

To install panels, you need to:



Circular saw,
preferably with rail



Dowels and screws for
racks

Screwdriver

Mineral wool 50mm wide if
you want to achieve
additional soundproofing



Level



Pencil



Black screws for
attachment of 35mm
panels



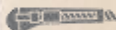
Roulette



Stapler with staples 14-
16mm or screws 13-15mm
(to attach the racks in the
film if the panel is cut off
or attached to the ceiling)



Rakes 45-50mm wide, (when
fixing the panel to the wall -
if desired), but on the
ceiling is mandatory.



Knife



Saw

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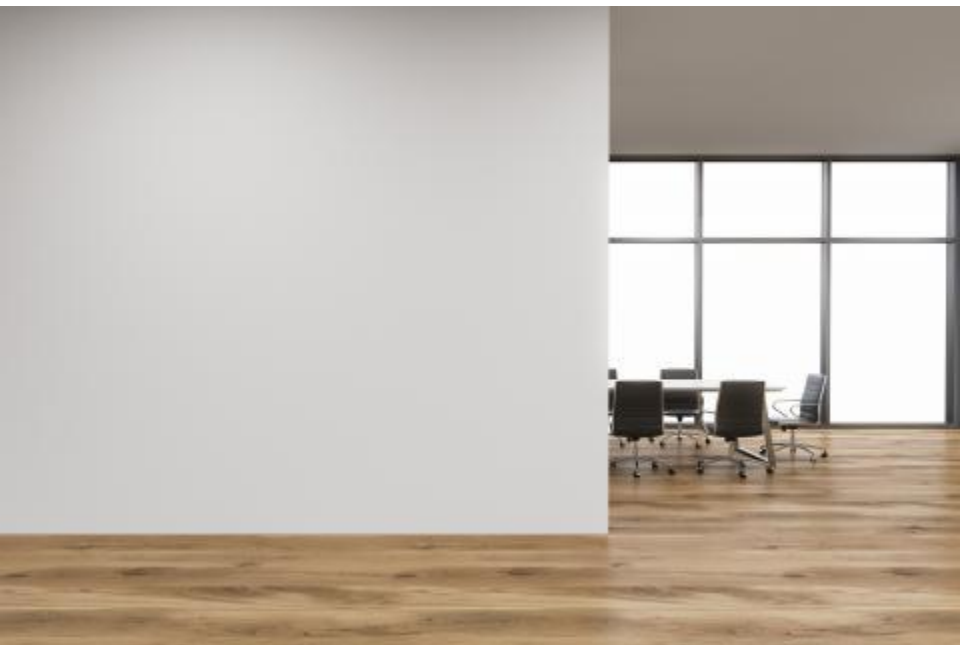
Step 1

Wall Preparation:

The wall must be flat, without nails or screws.

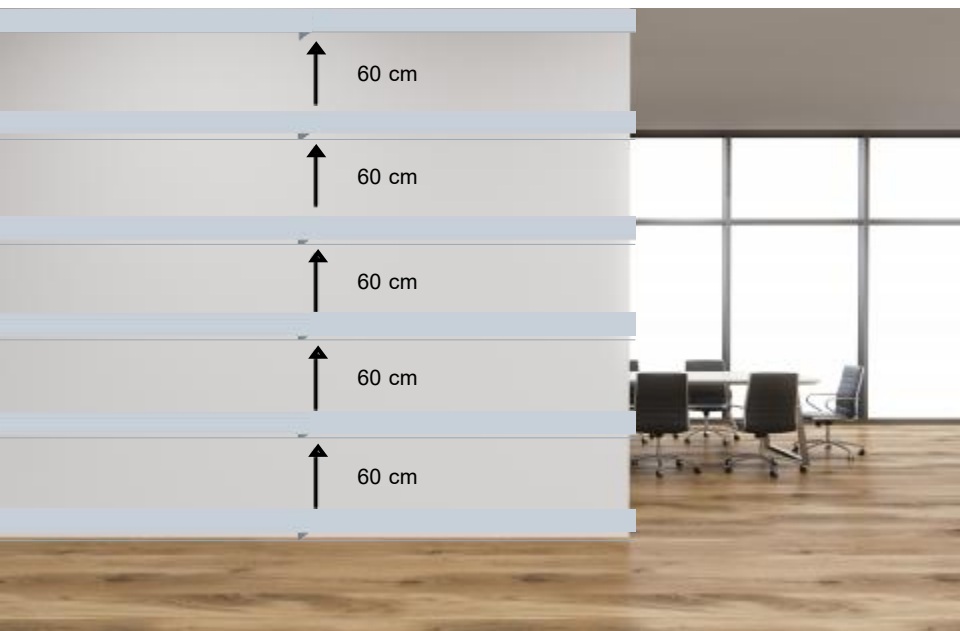
If you want to place panels on a wall without rails, sometimes this is possible, depending on the wall. Also, the panel can be glued to the wall with liquid nails.

But we recommend installing the rails initially, then cotton wool 50 mm, and then the panels. With this combination, you will get the highest sound absorption.



Step 2

First you need to make a grate of wooden racks. It is recommended to attach the racks at an interval of 60 cm from each other.



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Step 3

Then, mineral wool with thickness of 50 mm is put into the gaps between the racks.

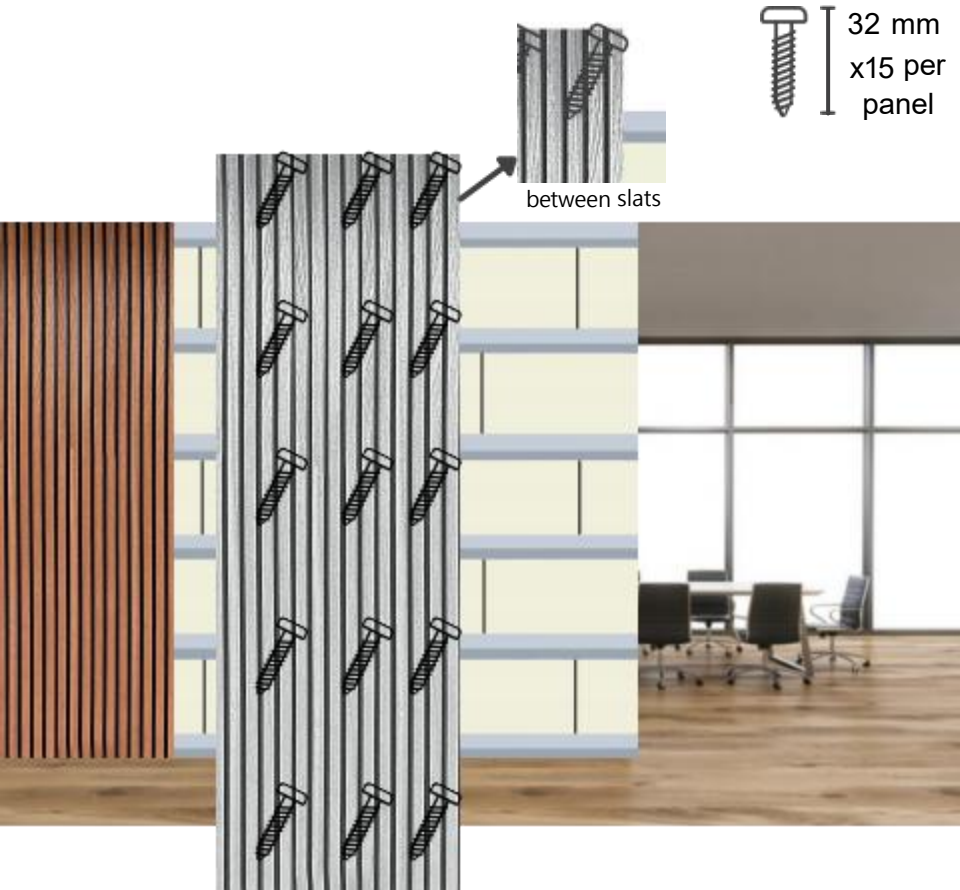


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Step 4

Screw the panel to the wall

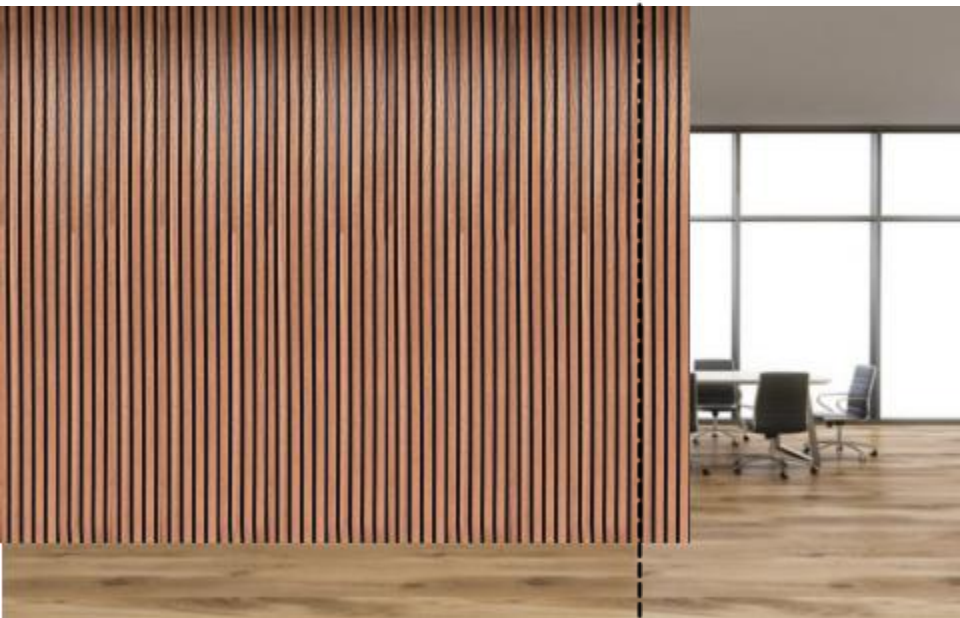
For each panel, we recommend 15 screws of 3 screws per row.



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Step 5

If there is less space left at the end of the wall than the width of the panel, we recommend cutting the panel along the rack with a knife to the width you need.



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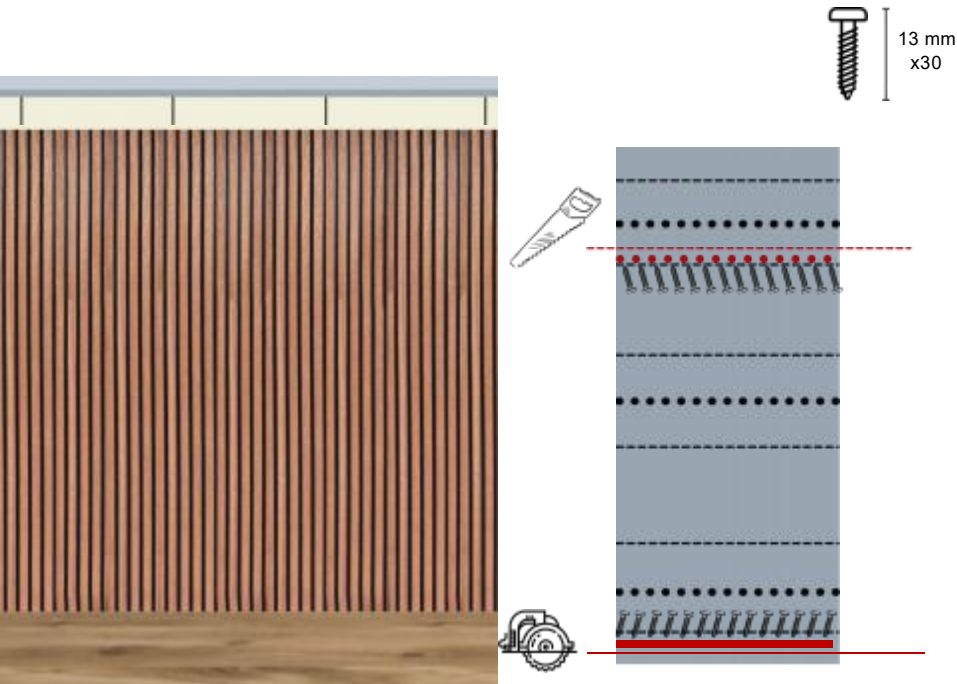
Step 6

If your wall is higher than 2,400mm? What should you do?

The panel can be docked to each other. But it is important to fulfil several conditions!

We strongly recommend cutting the very edge of the panel with a circular saw literally by 1 mm, while the edge will turn out to be absolutely even and when docking two panels, the seam will be visible minimally.

If you need to cut off a half of the panel, then the place you going to cut - needs to be fixed up very strongly, in advance add 15 mm screws or hit it with stapler from the other side.



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Step 7

To place panels on a ceiling, the instructions are the same as on a wall.

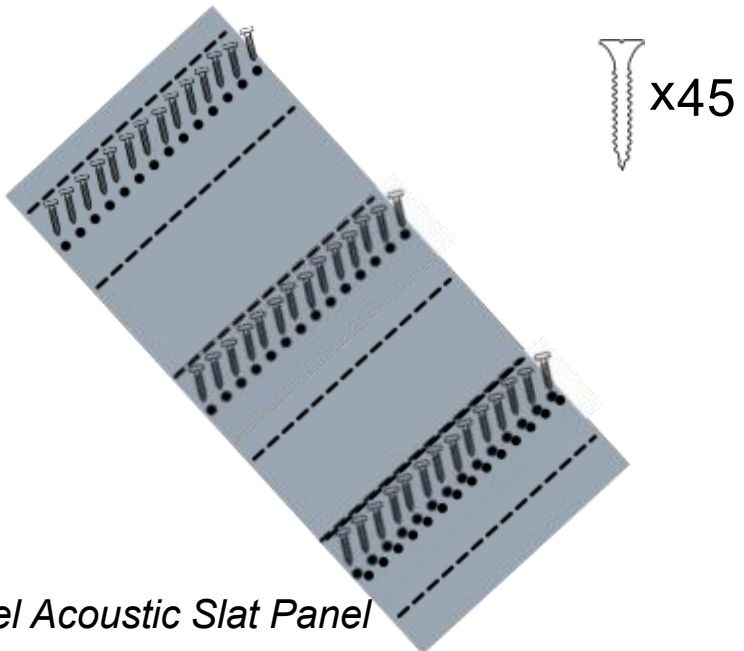
But there are very important additions!

Since we live on Earth, the law of attraction applies here.

Before installing the panel on the ceiling, we strongly recommend additionally strengthening the rails to the film by screwing with screws or nailing with a stapler, making at least 3 rows, as indicated in the figure.

Thus, we will exclude sagging of the racks.

If you have questions about the installation, do not hesitate to contact us and we will be happy to help you.



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