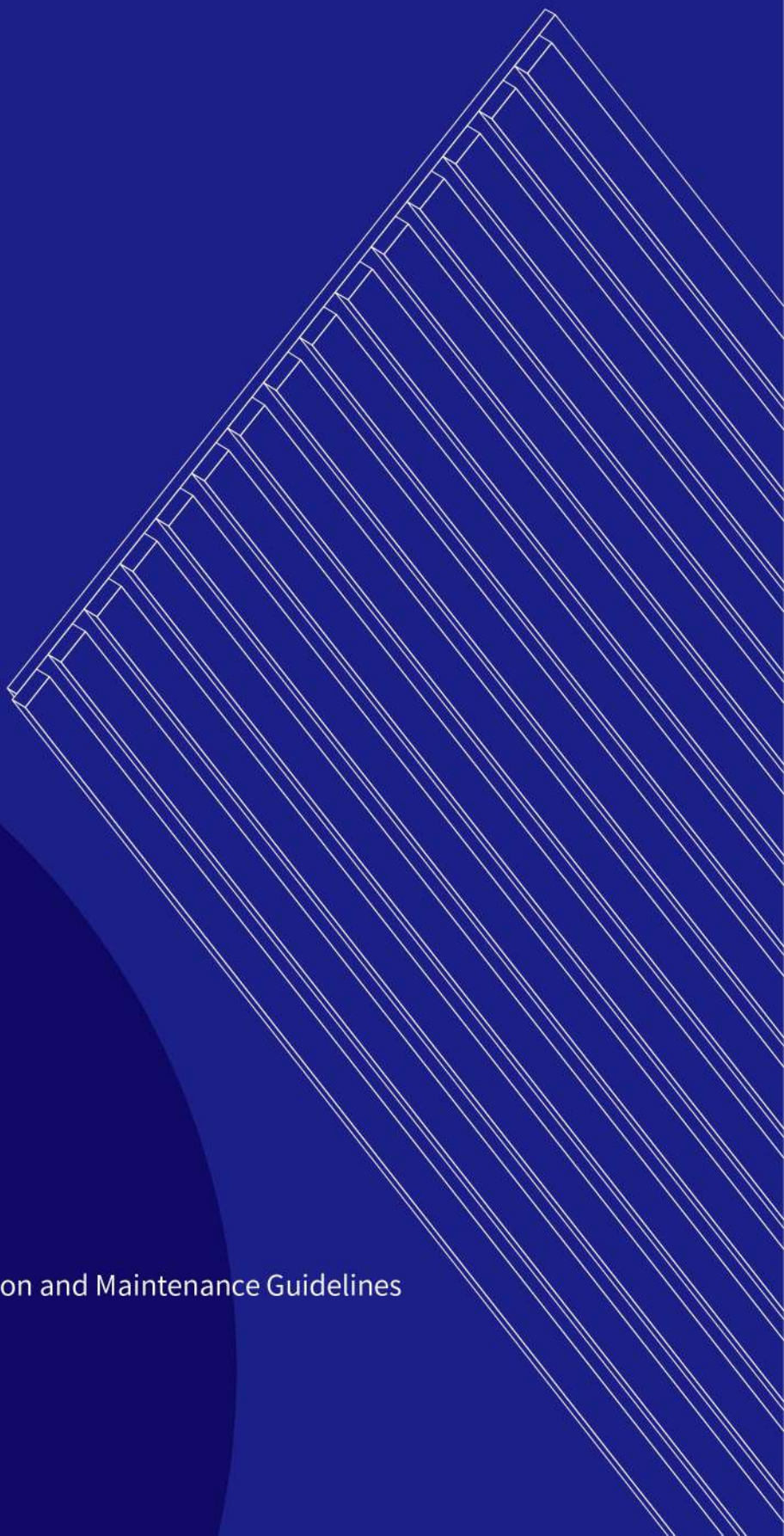
STEP® GUARD
Inspire Every Square



AcousticPanel

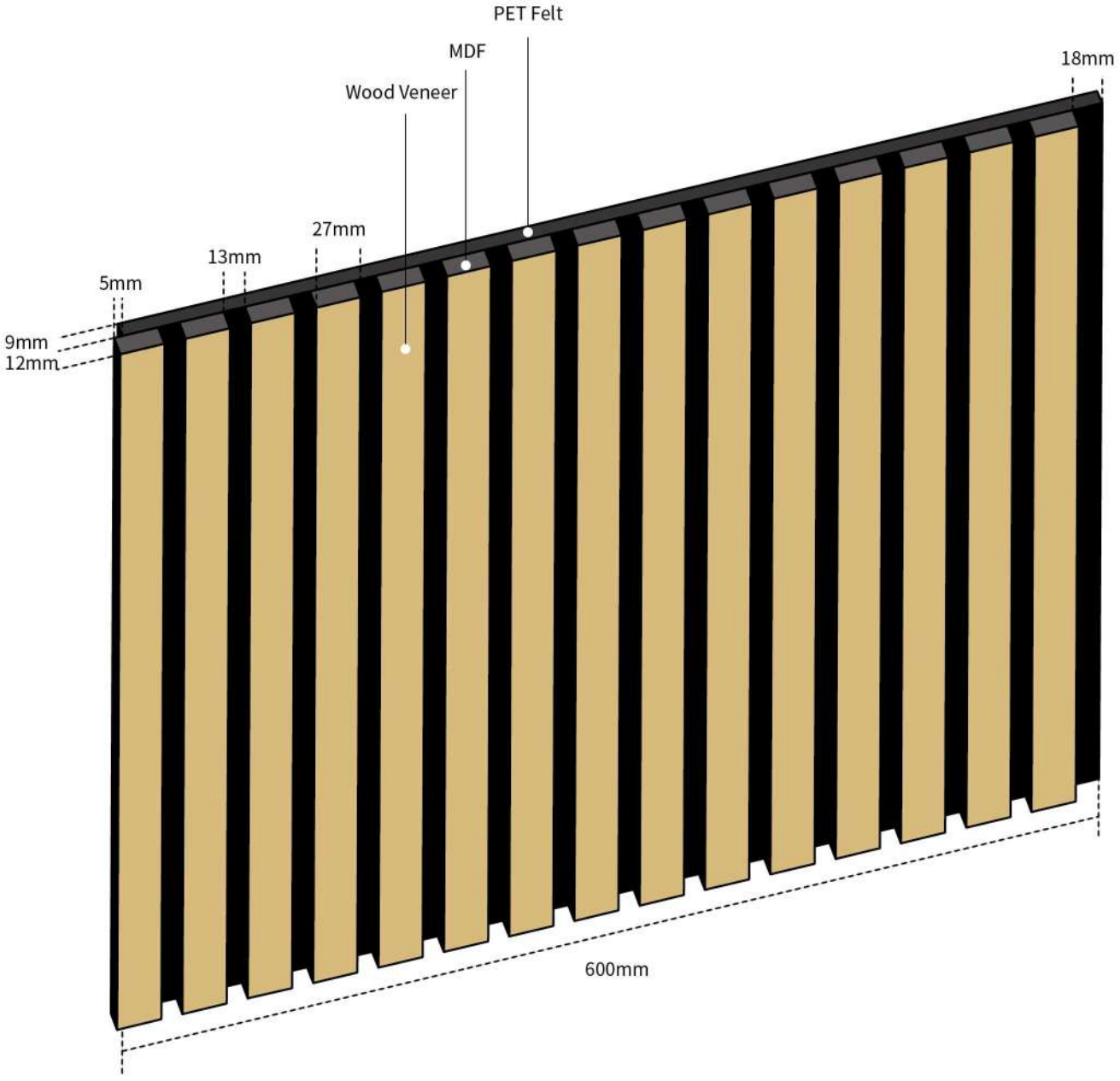
Acoustic Slat Wall Panel Installation and Maintenance Guidelines

Installation and Maintenance Guidelines

Thank you for choosing STEP GUARD acoustic slat wall panels from AcousticPanel collection. Designed with enhanced acoustic performance and aesthetics in mind, all our acoustic slat wall panels come prefabricated and can be mounted directly to the wall or on battens to increase the acoustic performance and create a visually pleasing environment at the same time.

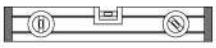
I. GENERAL INFORMATION

Make sure that the surface of the wall is clean and even. Do not store or install in any area with excessive moisture, or extremely low or high temperature. Interior application only, do not install outdoors.



II. INSTALLATION

Tools Requireed: Level, Circular Saw, Electric Screwdriver, Utility Knife, Pencil, Measuring Tape, Screws, Structural Adhesive, Structural Adhesive Gun, Battens (optional), Sandpaper (optional)



Level

Circular Saw

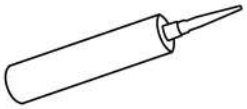
Electric Screwdriver

Utility Knife

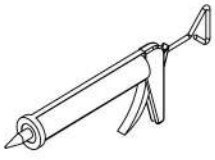
Pencil

Measuring Tape

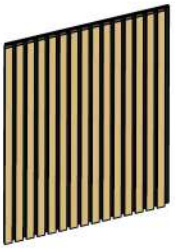
Screws



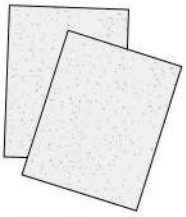
Structural Adhesive



Structural Adhesive Gun



Battens (optional)



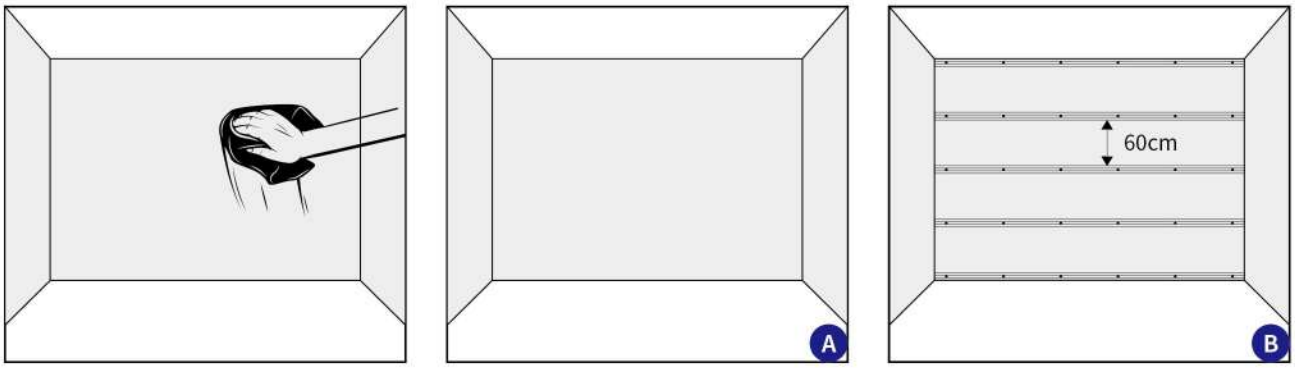
Sandpaper (optional)

STEP 1: Preparing the Wall

Start by preparing the wall. Wipe the wall with a cloth and remove any screws, nails, loose paint and other obstructions so that the wall is completely even.

Type A: you can choose to install AcousticPanel directly on the wall.

Type B: you can choose to mount battens on the wall and insert mineral wool between the batterns to achieve Class A acoustic performance. We recommend that you keep a distance of 60cm between the battens.

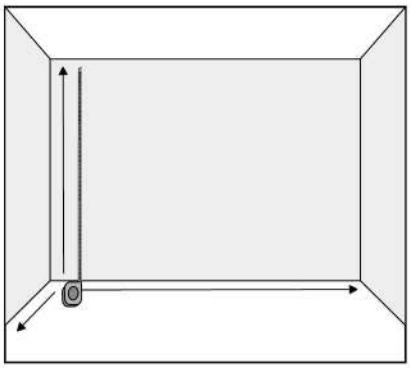


STEP 2: Measuring the Height and Width

Using the measuring tape to measure the width and height of the wall and mark the cutting lines on the panel with a pencil.

If installaing on top of the skirting, the panels will only need to be cut to the top of the skirting, not the whole wall height.

It is recommend installing the panels above skirting to protect the panels from knocks and scratches.

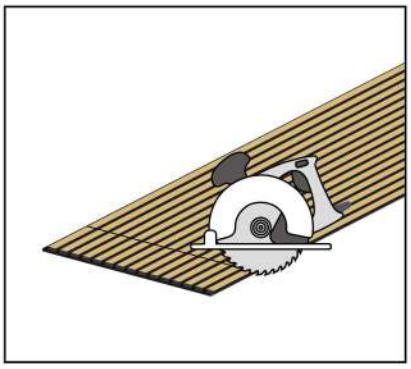


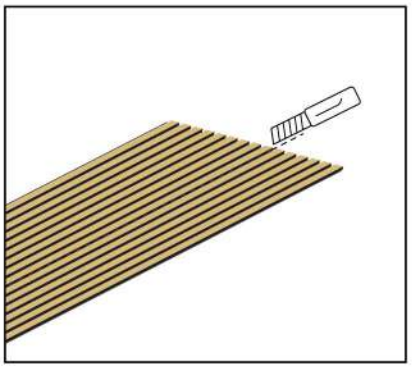
STEP 3: Cutting the Panels

Cut panels to length needed using the saw or circular saw.It is recommended that you can sand the cut with sandpaper for a better result.

Cut panels to width needed using utility knife.

After cutting the panels, you can choose to screw the slats back in place (through the felt and into the slats), or glue them together, just in case the slats hang loosely after cutting.

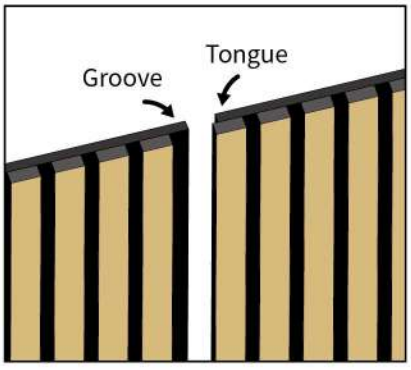




STEP 4: Mounting the Panels

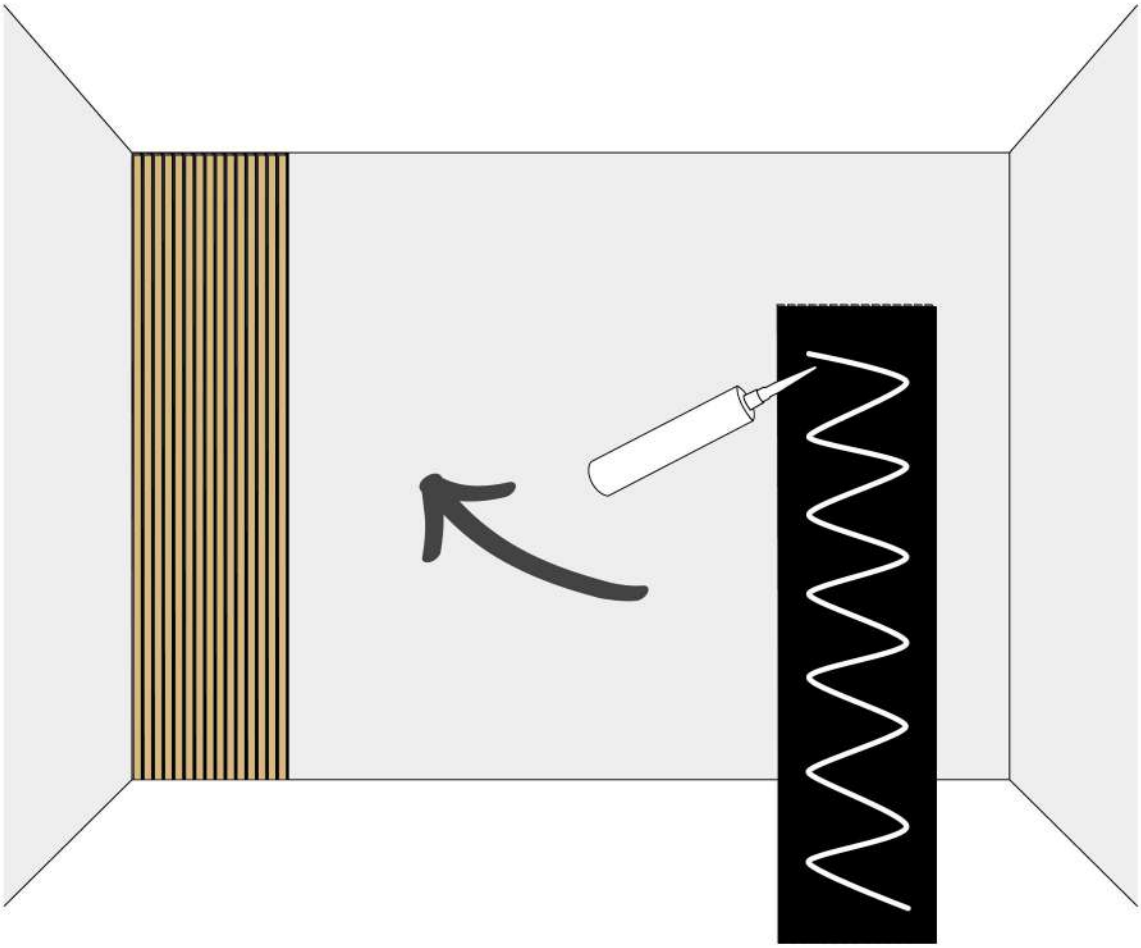
It is recommended to use black screws to screw through the black felt into the wall, and use silver or grey screws for the grey and white felt for a better effect.

And be aware you should joint the tongue side with the groove side when installing each panels.



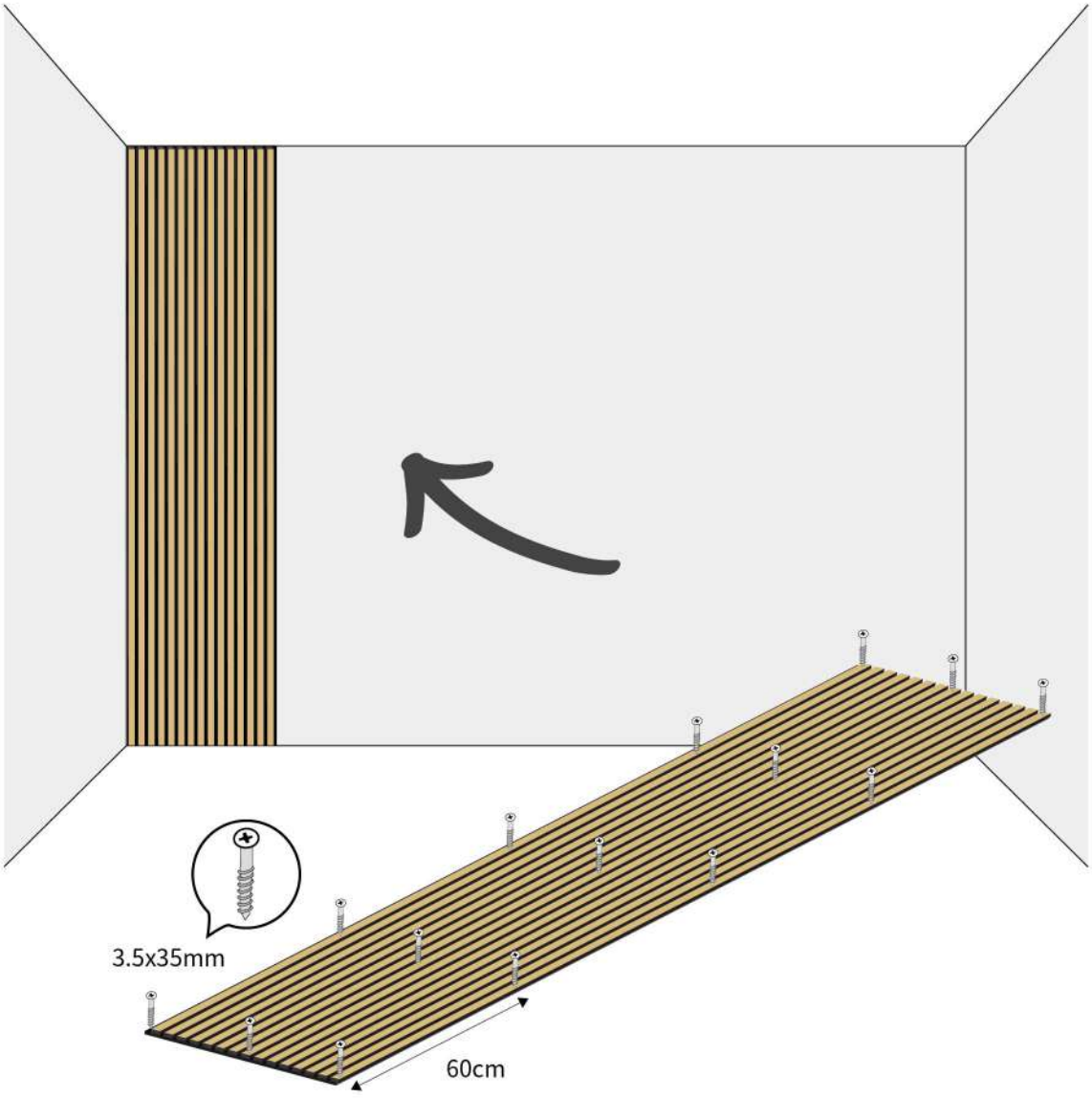
Type A: you can choose to glue straight onto the wall

A construction-grade structural adhesive is recommended for this. Apply the adhesive to the back in a zigzag pattern, and press the panel into place on the wall.



Type B: you can screwing directly onto the wall

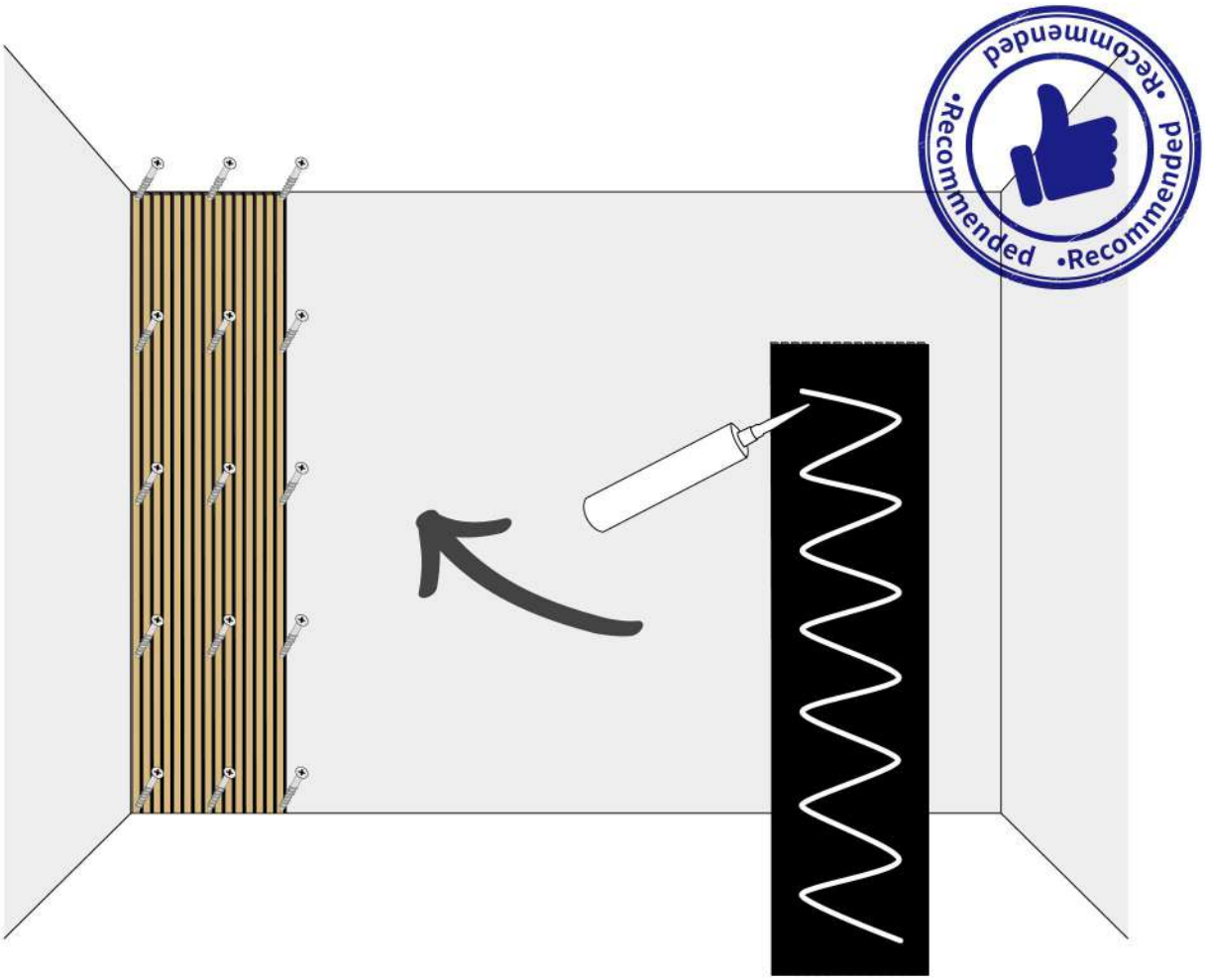
Mount the acoustic slat wall panels on the wall by drilling screws (min. 3.5mm × 35mm). Take 2400mm×600mm for example, we recommend 15 screws of 3 screws per row each panel.



Type C: you can choose to glue and screw the panels onto the wall ★★★★★

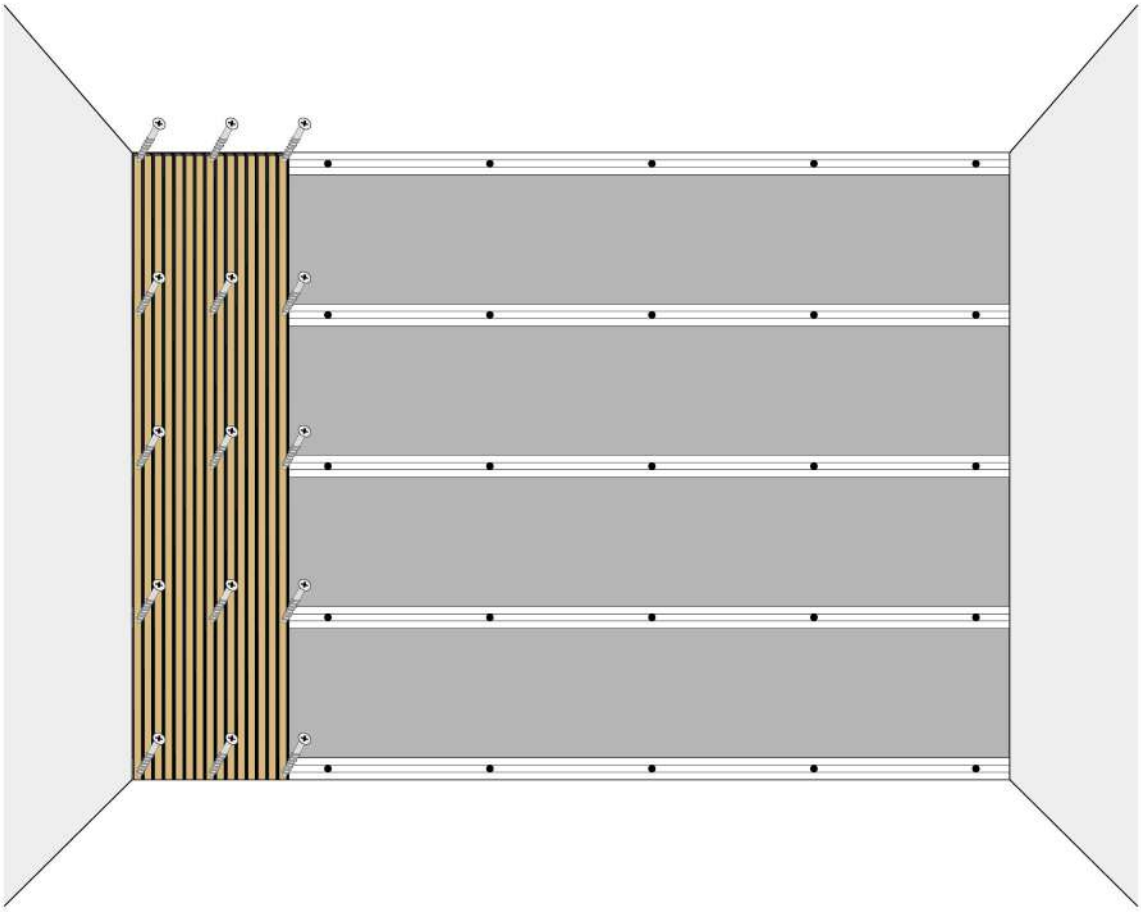
First add structural adhesive to the backing felt of the panel and glue onto the wall, then strengthen with screws. 5-star recommended for a longer lifespace.

And if you choose have hangers, small shelves installed onto the wall, then we strongly suggest that you both glue and screw the panels.



Type D: for batterns with mineral wool

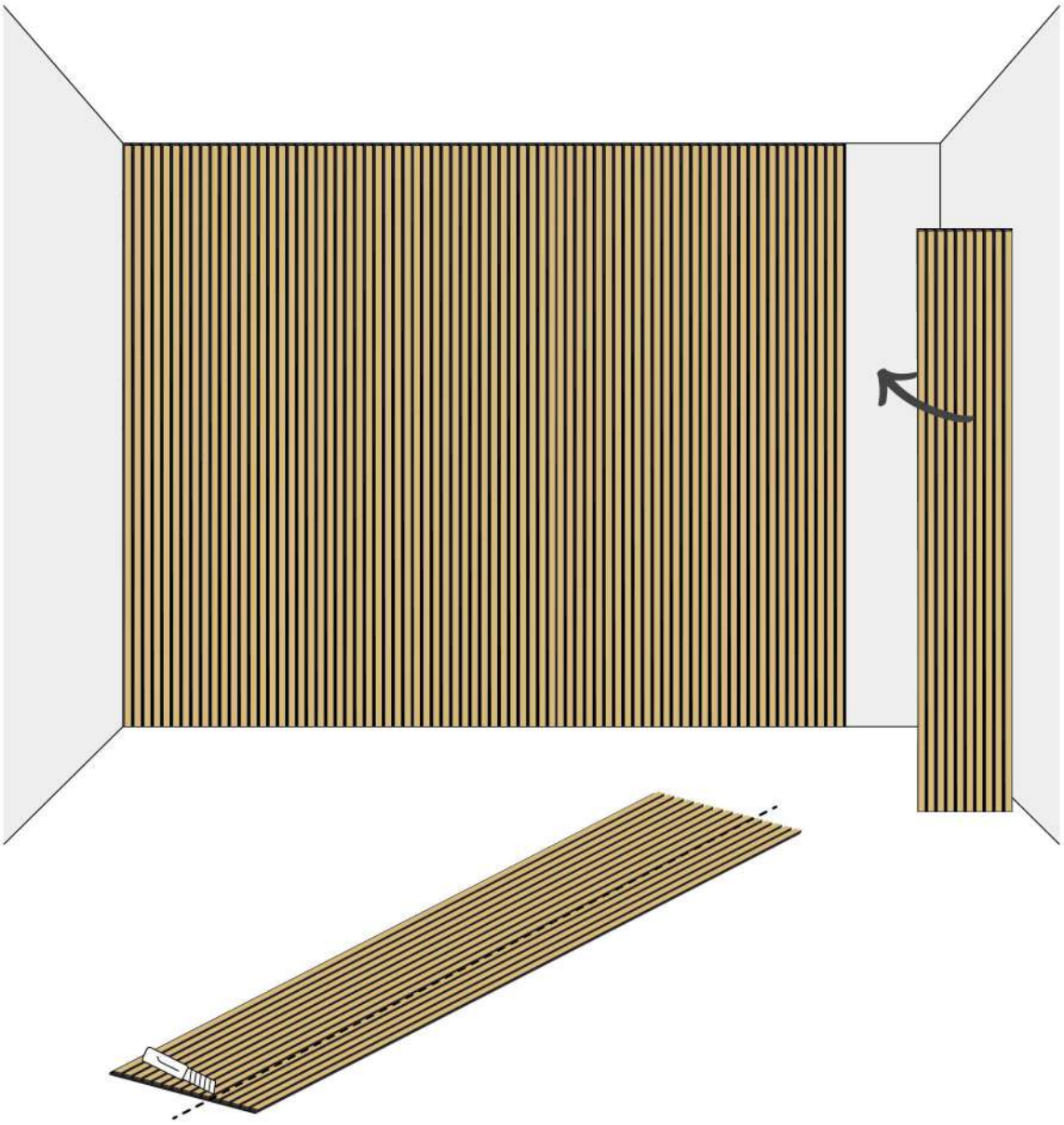
Insert mineral wool (recommended 45mm thickness) between the batterns and install the acoustic slat wall panels using screws (min. 3.5mm × 35mm) into the battens.

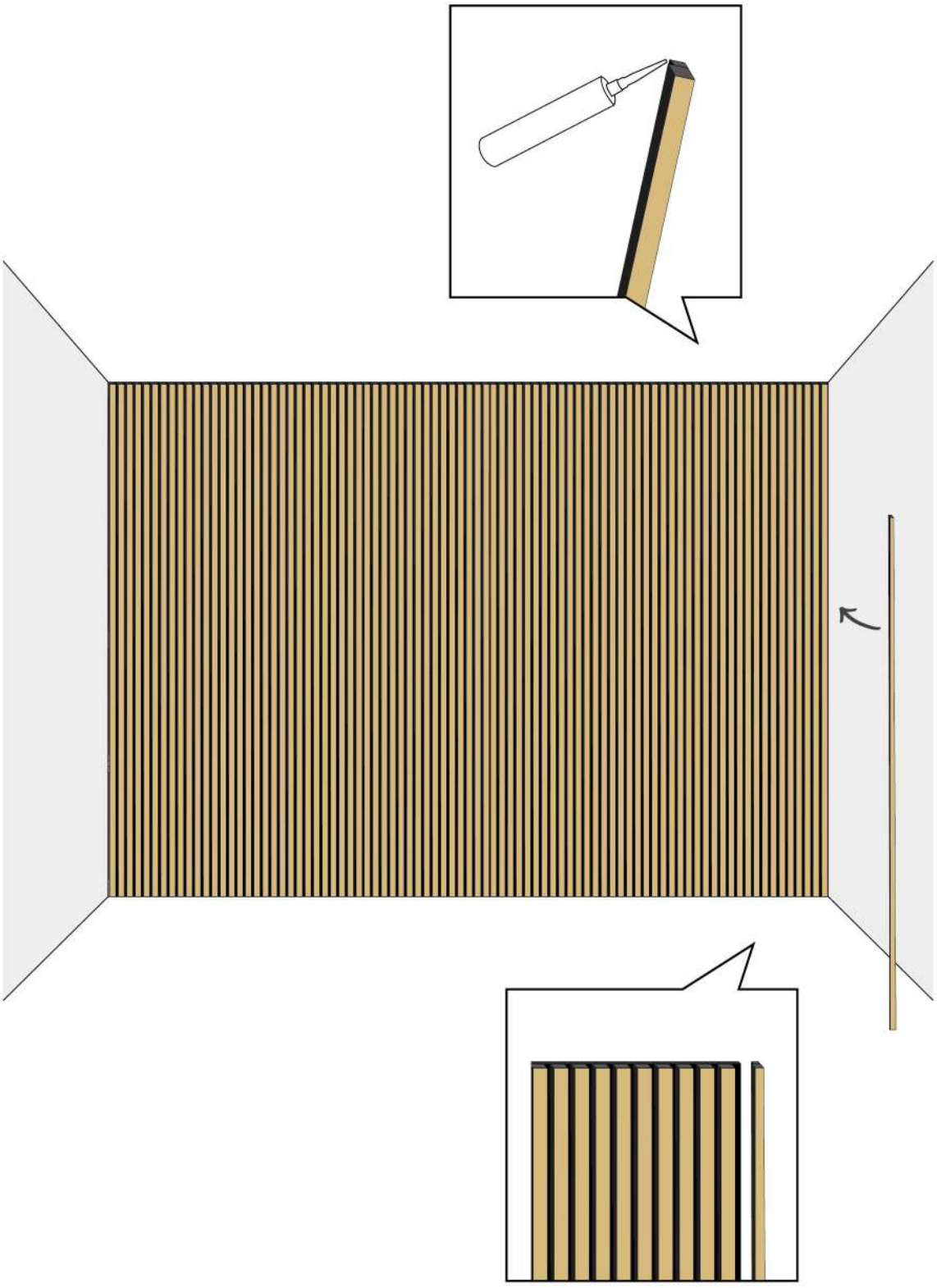


STEP 5: Cutting the Panels in Width

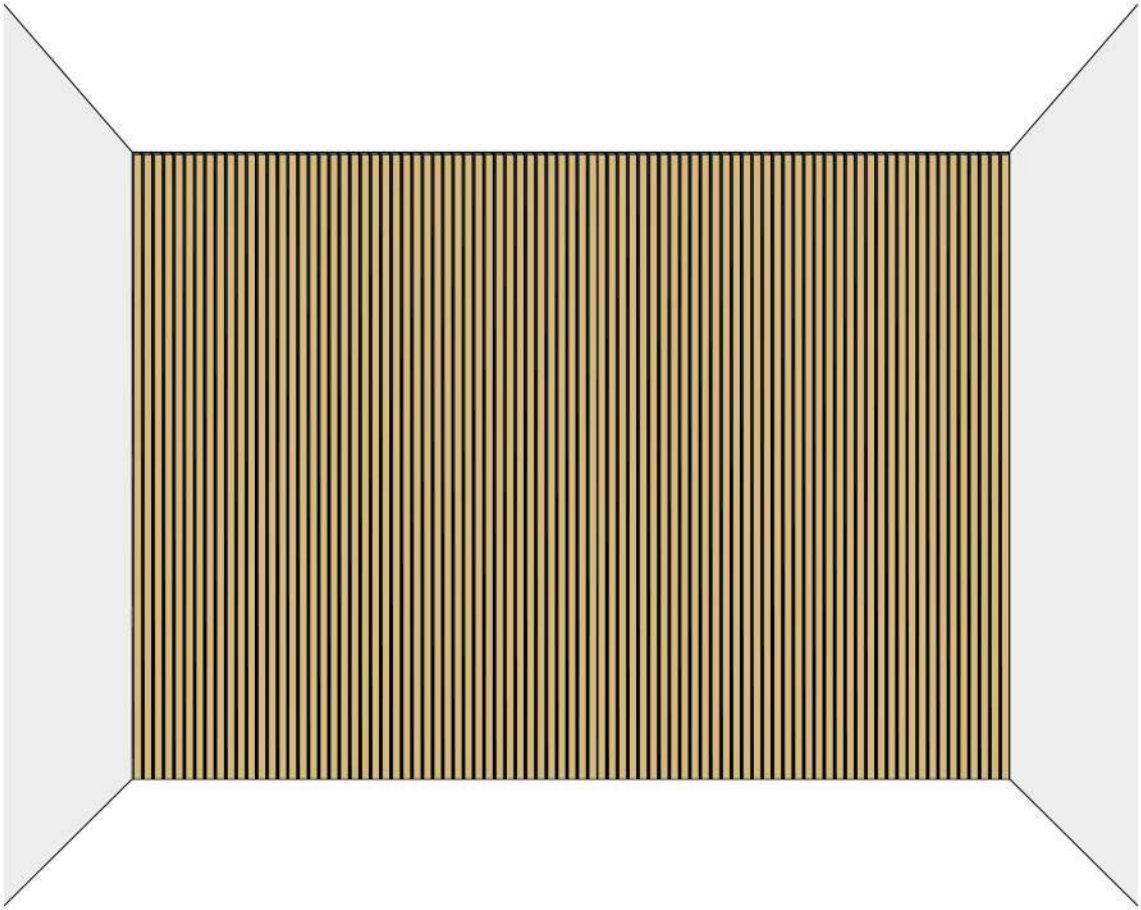
When reaching the end of the wall you might need to adjust the panels using utility knife to width needed in order to make the panels fit.

Optional:
You can also choose to use the end cap to close the end. The panels will need to be installed first. Using cnostruction adhesive from top to bottom on the back of the end cap, and stick onto the panels and wall.





Congratulations! Your wall is now fully installed.

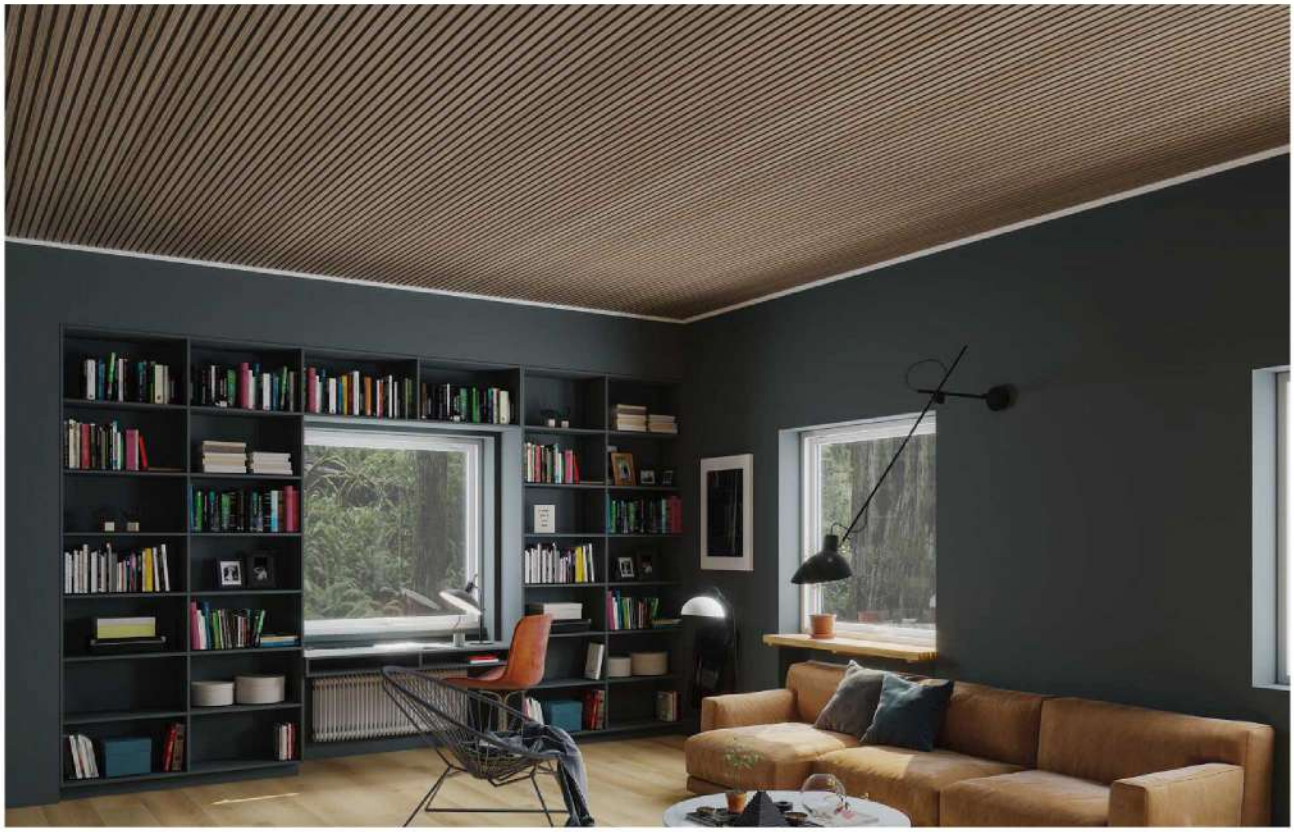


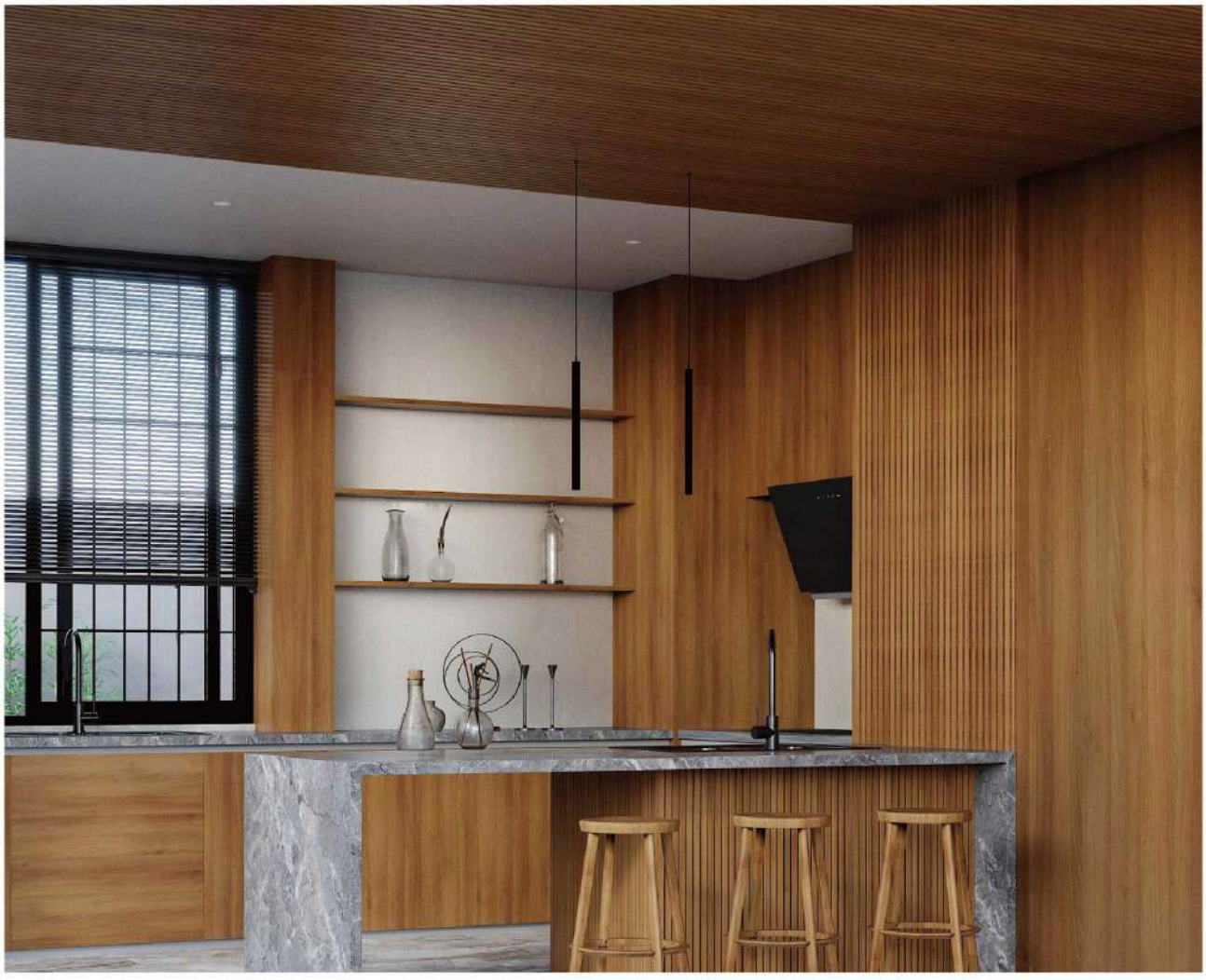
III. Different Applications

Acoustic slat wall panels are a diverse product that can be used in different settings.
Here are some examples you can take into consideration. Never let imagination set the limit!

Type A: On Ceiling

Measuring ceiling and figure out how many panels you will need.
And decide which direction the panels should turn.
You can choose to do the formwork, and if so, the formwork should point the opposite way of the panels.
To place panels on a ceiling, the instructions are the same as on a wall.
For the ceiling, we strongly recommend strengthening the panel with screws, making at least 3 rows, total 45 screws.





Type B: Front Cover

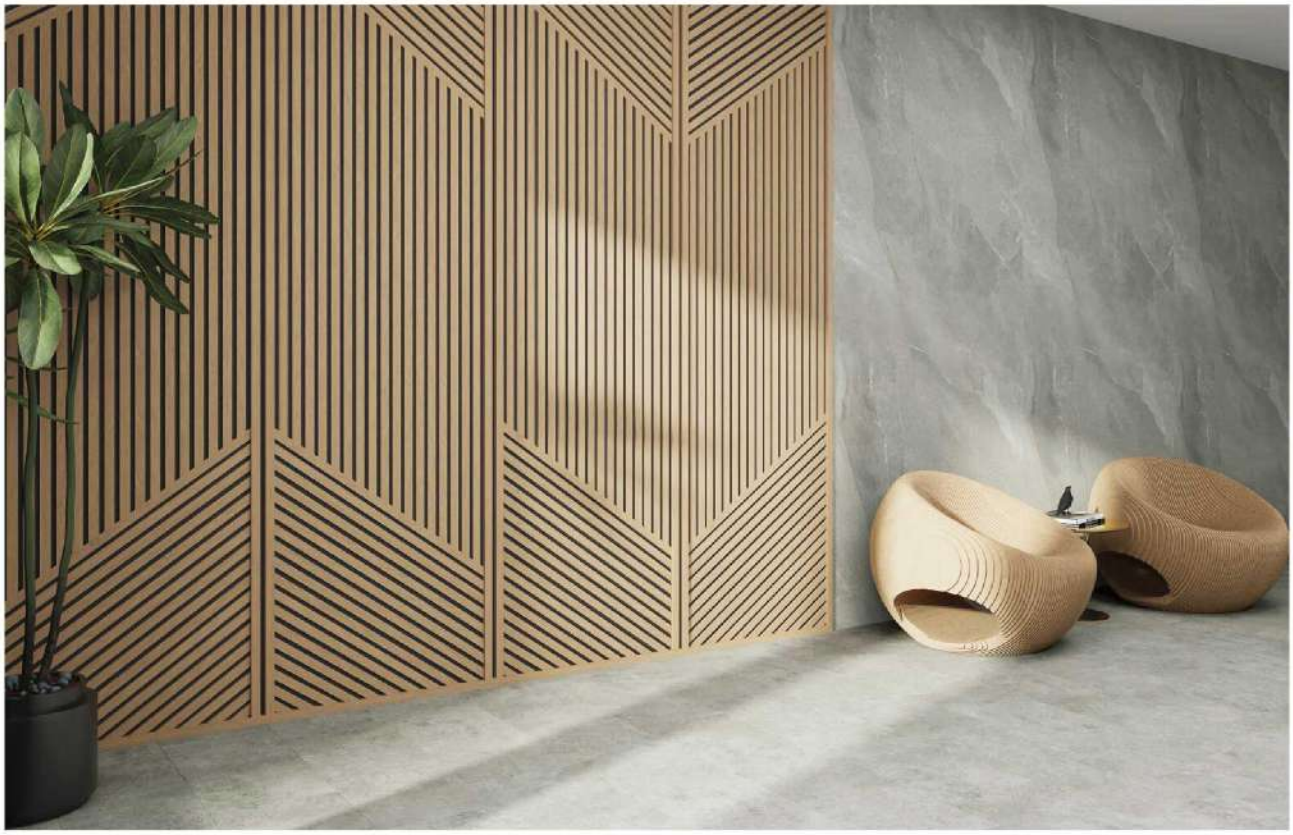
You can choose smaller size acoustic slat wall panels and the instructions are the same as on a wall.

Type C: On a Rounded Wall

On a rounded wall if the curve is not too sharp and the instructions are the same as on a wall.

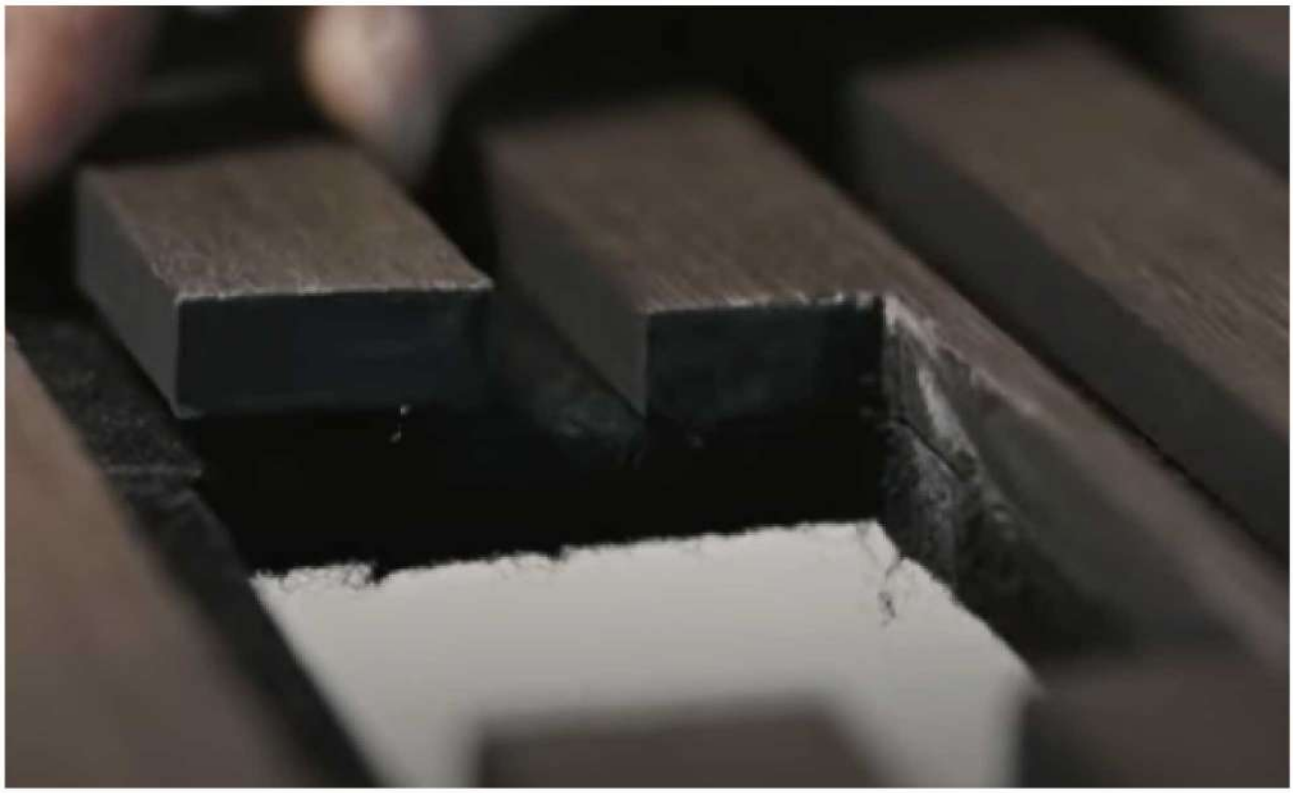
Type D: Horizontally and Vertically

You can install our acoustic slat wall panels both horizontally and vertically and the instructions are the same as on a wall.



Type E: Socket Assembly

If you are installing acoustic slat panels over existing sockets, measure the space needed and mark on the panels, cut out a space for sockets and fixtures alike on the panels using a jigsaw. And the rest isntallation are the same as on a wall.



Type F: With LED Strip Lights

Our acoustic slat wall panels is compatible with light integration. You can either insert it into the slat gap, or apply in the groove between the panels. Leave the light wires on top or at the bottom of the panels.

Type G: With SPC Wall Panels

Our acoustic slat wall panels can be paired with our SPC wall panels to add different layers and visual interest of designs to the whole space. A great choice for your TV background wall, a reception featuring wall, bedroom bed wall, etc.

IV. MAINTENANCE

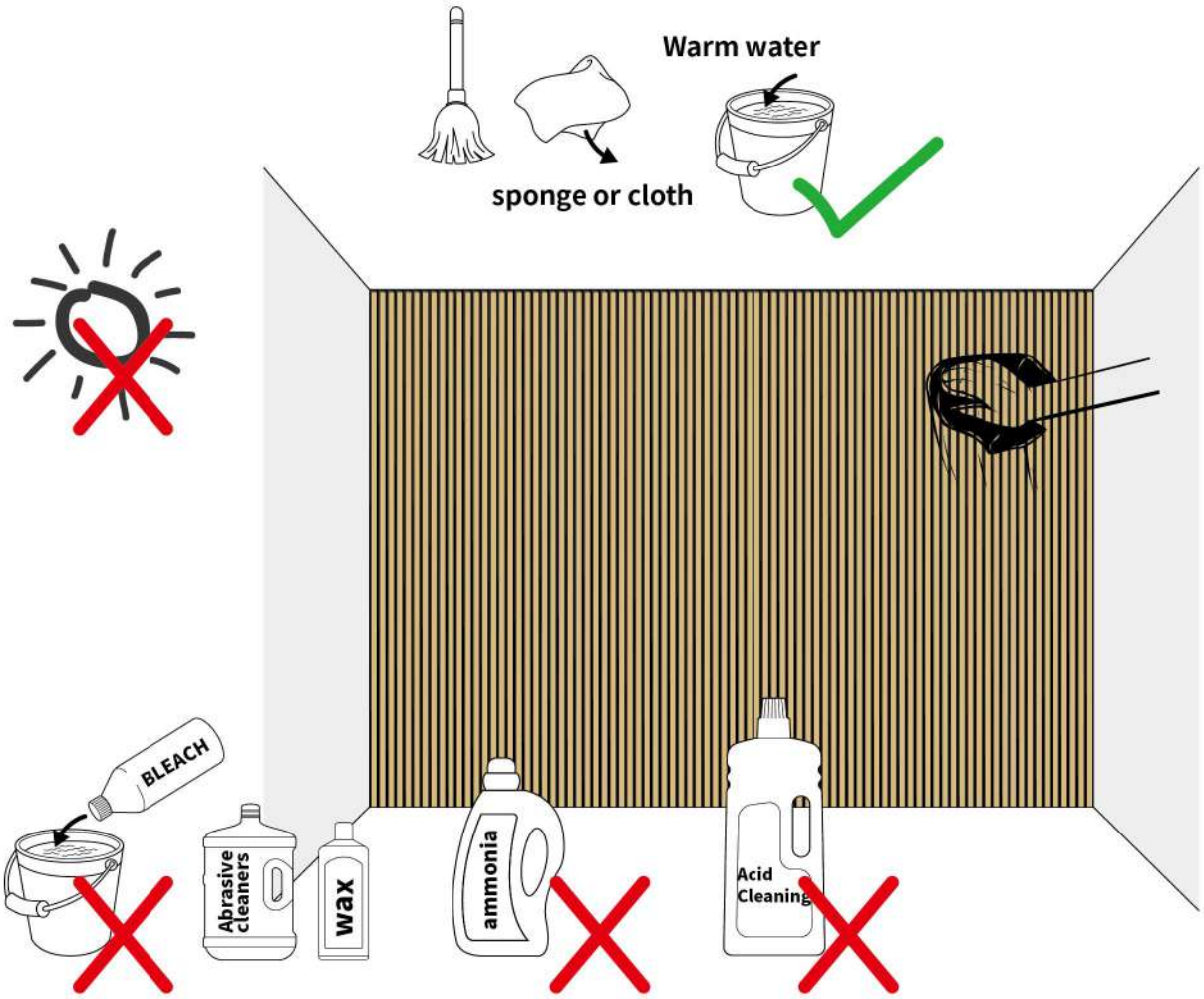
Lasting beauty can be achieved through proper ongoing maintenance.

Regular Care

Protect from direct heat and sunlight. To prevent dust, build up, lightly dust with a soft cloth, or vacuum with a soft brush attachment.

Spot Cleaning

- Always test any cleaning products on an inconspicuous area first.
- Blot any spills from the material with a dry clean sponge or cloth.
- Most spot cleaning can be done with a mild detergent and warm water solution.
- **Do NOT** soak or saturate the felt.
- **Do NOT** scrub the fabric as this will affect the surface finish.
- **Do NOT** acid cleaning.
- **Do NOT** use ammonia products, bleach, chemical agents.
- **Do NOT** use abrasive cleaners, bleach or wax to maintain.



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