



# FORZES®

PART OF moland// GROUP



ENG » August 2023

INSTALLATION MANUAL

# FORZES ACOUSTICS



## VARIANTS

Forzes Acoustics products are available in a number of different variants.

No matter which you choose, you are guaranteed the same high standard of quality, excellent acoustics and, of course, a fire safety approved panel.

You will always find all variants on our website.

[www.forzes.dk](http://www.forzes.dk)



» Light oak on white mineral wool board



» Light oak on black mineral wool board



» Matt oak on white mineral wool board



» Matt oak on black mineral wool board



» Smoked oak on white mineral wool board



» Smoked oak on black mineral wool board



» Pine on white mineral wool board



» Pine on black mineral wool board



» White on white mineral wool board



## BARCODE

» Oak on white mineral wool board



» Oak on black mineral wool board



# WALL OR CEILING INSTALLATION

## CONSTRUCTION

Forzes Acoustics products consist of a custom-made acoustic board with 12 wooden strips on the front and 5 plywood strips on the back.

## PREPARATION

Before installing on your wall or ceiling, you should start by measuring your room in order to plan and ensure an appealing configuration of panels in relation to the surface area to be covered.

## INSTALLATION

Forzes Acoustics products can be installed on walls and ceilings.

**NB:** The panels can't be installed offset from each other. If you want an offset configuration, the plywood strips on the back must be shortened along the edge of the board, and visible screws must be used. The visible screws are inserted from the front through the acoustic board and the underlying plywood strips.

The underneath surface must be smooth, level and dry. The acoustic panels are ideal for installing on planed laths. With planed laths, Forzes Acoustics products are installed across the laths.

## MAINTENANCE

The acoustic panels can be cleaned using a dry cloth or damp sponge – or be vacuumed using a soft brush nozzle.

## EXTRAS

Various extra packs are available for purchase.

- Pack of 5 extra plywood strips, which are used when shortening panels and/or for cut-outs in panels.
- 90° angular profile for outer corners.
- Pack of 3 loose wooden strips, e.g. used for edging.

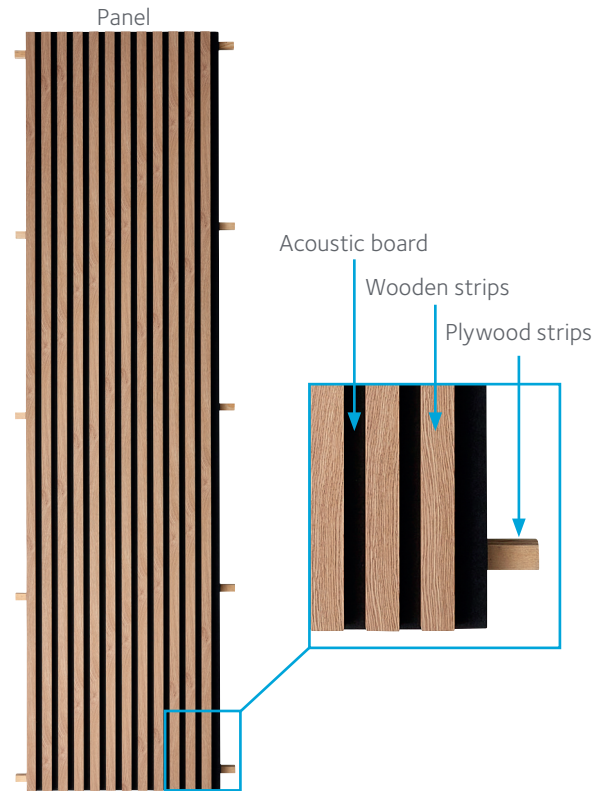
Screws are not included for attaching to the base surface.

## DIMENSION

Thickness 43 mm

Width: 600 (Covering area)

Length: 2400 mm



## IMPORTANT

The panels are to be installed indoors in controlled moisture and temperature conditions.

The panels should be left in the relevant room to acclimatise for 48 hours prior to installation.

The acoustic board must not be compressed.

Take care to avoid damage when installing.

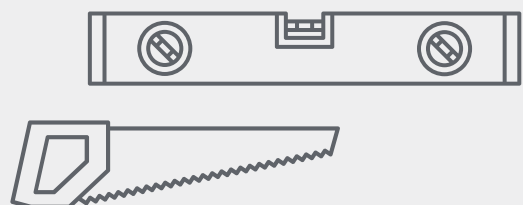
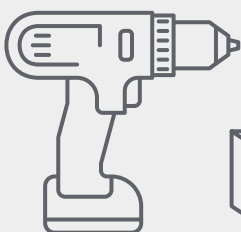


Relative humidity (RH)  
35-65%



Temperature  
10-30°C

## TOOLS FOR INSTALLATION



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# WALL OR CEILING INSTALLATION

## 1 >> Installation of first panel

Before installing the first panel against the wall, cut off the ends of the plywood strips that protrude beyond the acoustic board. Cut these along the side of the panel where the acoustic board is visible. Cut from the back. Always cut the strips and board using a suitable saw.



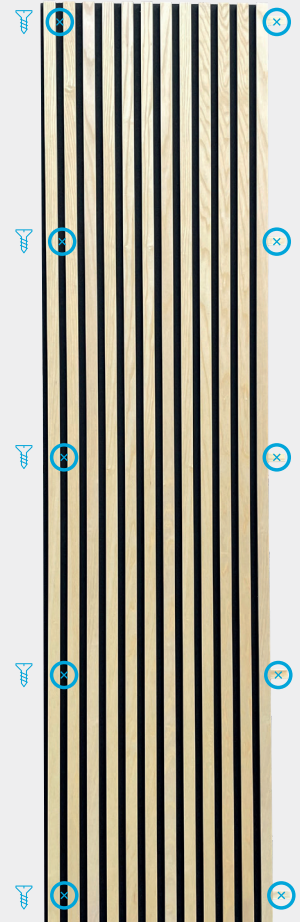
## 2 >> Attaching the first panel

The panel is installed against the wall. It should be installed using a visible screw between the wooden strips, through each of the 5 plywood strips on the back.

Choose appropriate screws for the base wall surface.

Along the opposite side, secure the panel using a suitable screw, staple or ring shank nail into each of the 5 visible plywood strips.

**The screw/staple should be recessed to enable the next board to be installed.**



## WALL OR CEILING INSTALLATION

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### » Attaching subsequent panels

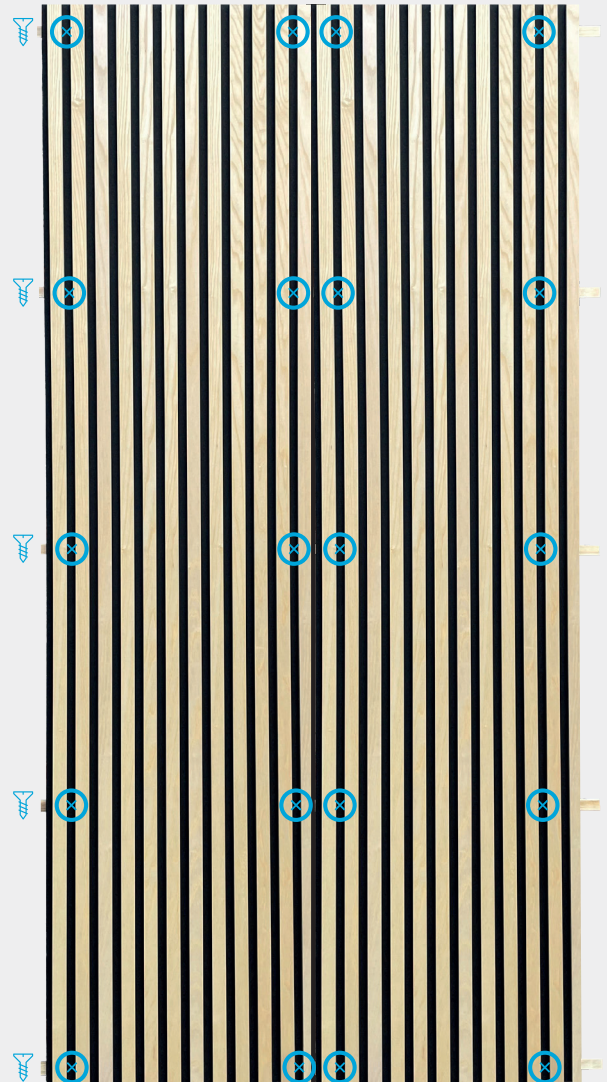
When installing the subsequent panel, slide the panel carefully in under the wooden strips on the first panel.

Avoid damaging the acoustic board. To make it easier to slot the panel into place, it can be helpful to angle it a little when pushing it into place.



### » K110 construction

If Forzes Acoustics products are to form part of a K1 10 structure (fire technical), the panels must be screwed securely on both sides – through the acoustic board and plywood strips with a visible screw.



### CONTACT

For questions about the installation of Forzes Acoustics, contact Forzes A/S, technical department on phone 8877 4350.

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## WALL OR CEILING INSTALLATION

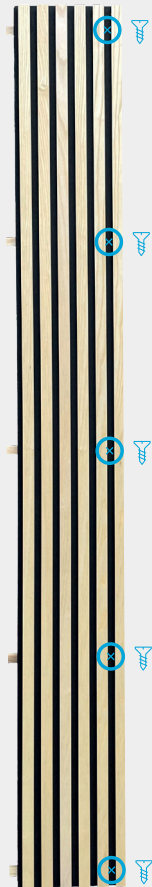
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### » End panel against wall

For the end panel against the wall, shorten the panel to the desired width.

Cut the plywood strips on the opposite side, so they protrude by 10 mm.

Push the panel carefully into place and secure using visible screws through the acoustic board and plywood strips.



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### » Adding rows of panels

The next row should be installed like the first row. Cut the plywood strips on the back, as shown in step 1.

Install the panels by carefully pushing them up against one another, and secure using screws as indicated in step 2.



## WALL OR CEILING INSTALLATION

### » Shortening the length of acoustic boards

If you need to shorten the length of boards, an extra pack of plywood strips must also be purchased. These are part of the Forzes Acoustics accessories range.

**The distance from the edge of the board to a plywood strips must be no more than 50 mm.**

The plywood strips must be attached to the back before the board is shortened. Cut the strips and board using a suitable saw.





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## WALL OR CEILING INSTALLATION

### › Shortening the width of acoustic boards

If you need to shorten the width of acoustic boards, use a suitable saw.



### › Attaching fixtures to the panel

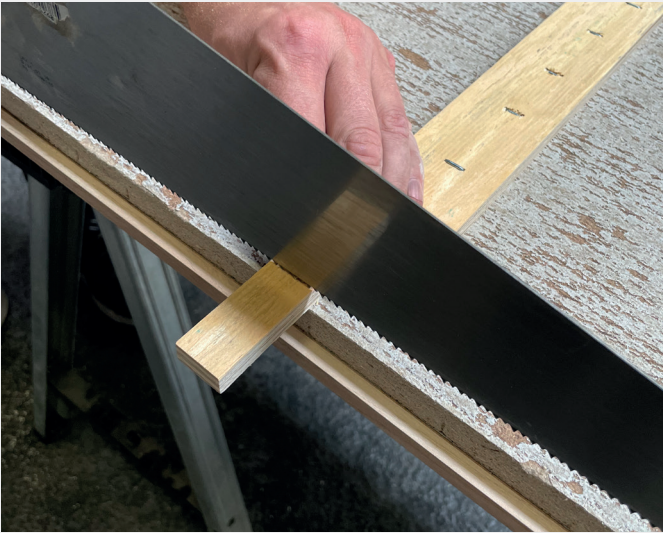
Fixtures to be installed on the ceiling must always be secured to the underlying structural surface. The panel may become deformed if fixtures are attached directly to the acoustic board.

# WALL OR CEILING INSTALLATION

## > Inner corners

Start in the inner corner with the first panel, as described in step **1**.

On the acoustic panel that forms the second part of the corner shorten the plywood strips on the back so they are flush with the acoustic board. Push the panels gently together and secure with visible screws through the acoustic board and the plywood on the back.



## > Painting

If it is necessary to paint the edges of the acoustic board in connection with minor repairs, use matt black (RAL 9004) or matt white (RAL 9010).



## CONTACT

If you have any queries regarding installation of Forzes Acoustics products, please contact the technical department at Forzes A/S on tel. +45 8877 4350.

## WALL OR CEILING INSTALLATION

### > Outer corners

For external corners, use a 30x30 mm angular profile, which is part of the Forzes Acoustics accessories range.

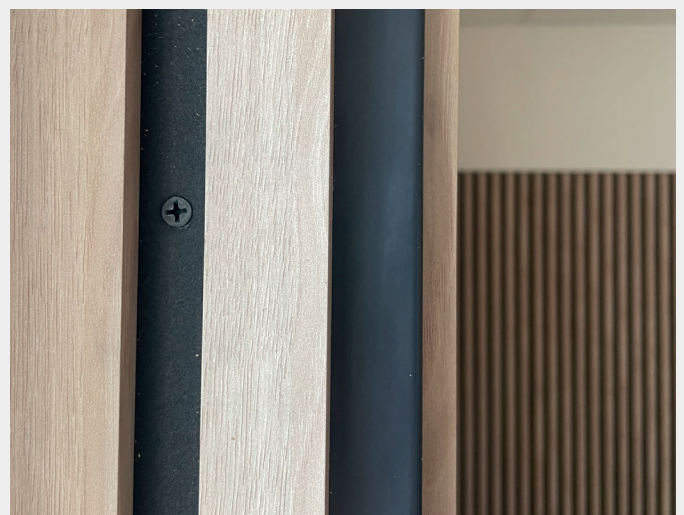
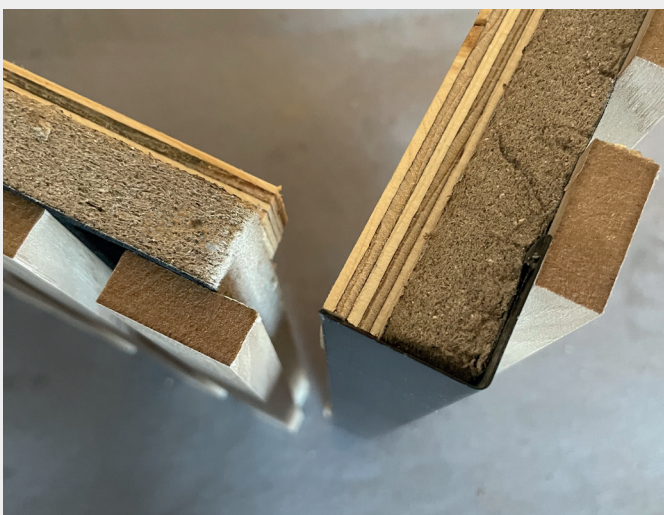
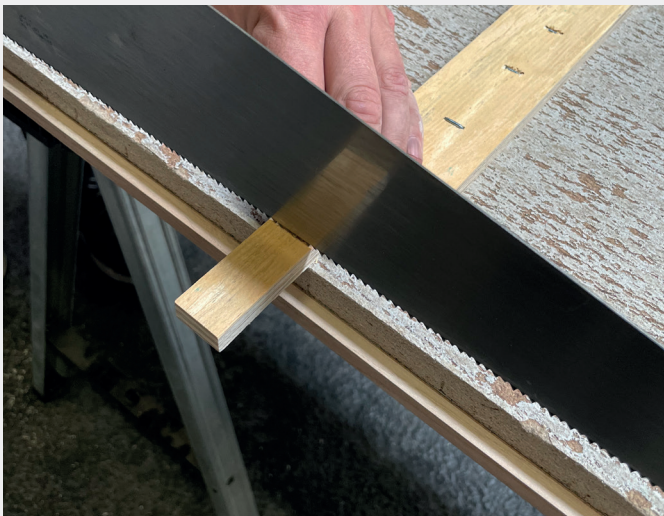
Along the side of the acoustic board where the wooden strip (on the front) extends beyond the acoustic board, the plywood strips on the back should be shortened. Shorten the plywood strips so these are flush with the acoustic board.

If possible, slide the angular profile carefully in under the wooden strip on the panel.

Attach the panel to the wall so the edge of the board is flush with the corner. Secure the panel using screws, through the acoustic board and the plywood strips.

On the panel that forms the second part of the outer corner, the plywood strips must be shortened along the opposite side of the panel. Shorten the plywood strips so these are flush with the acoustic board.

Push the panel carefully up against the wooden strip that protrudes. Secure the panel with visible screws through the acoustic board and the plywood strips.



## WALL OR CEILING INSTALLATION

### > Floating ceiling/wall

If you want to create a floating ceiling/wall, you need to also purchase the pack of extra wooden strips. The pack contains 3 loose wooden strips (12x30 mm) identical to the wooden strips on the front of the panel.

These wooden strips are used to create a neat right-angled edge to the panel. If a completely level edge is desired, it may be necessary to cut the acoustic board (carefully shorten it by approx. 2-3 mm using a craft knife).

Screw or glue the wooden strips securely to the acoustic board.



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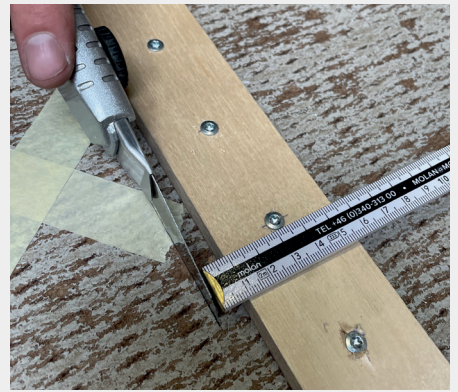
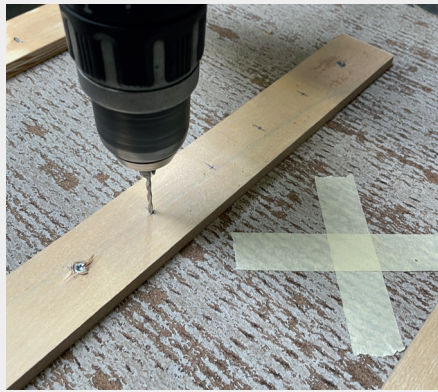
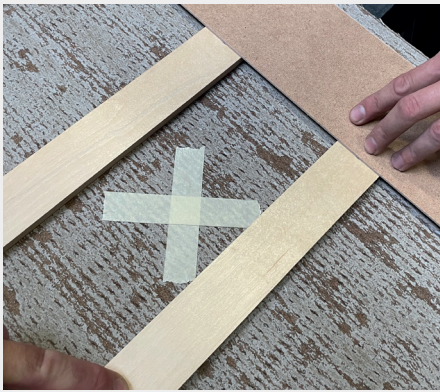
## WALL OR CEILING INSTALLATION

### > Cut-outs in the panels

If you want cut-outs in the panels, purchase accessories in the form of 5 plywood strips from the Forzes accessories range.

These plywood strips are to be added to the back of the board across the wooden strips, around 10 mm from where you intend to cut a hole.

Cut your hole carefully in the acoustic board using a sharp craft knife (or gently with a hole saw). Shorten the wooden strips using a suitable saw.



### CONTACT

If you have any queries regarding installation of Forzes Acoustics products, please contact the technical department at Forzes A/S on tel. +45 8877 4350.



## YOUR IMAGINATION IS THE ONLY LIMIT

Forzes Acoustics products are ideal for both walls and ceilings.

Cover the entire ceiling or wall surface, or install a floating section of panels. There is a vast array of options and solutions.

If in doubt about anything, please contact the technical department at Forzes.





## EASY TO MAINTAIN

No need to worry about cleaning and maintenance.

The wooden strips are covered with an ultra-thin 3D film that makes cleaning very easy. No rough edges. The acoustic panels can be cleaned using a dry cloth or damp sponge, or be vacuumed using a soft brush nozzle.





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