

A StepAlong by Monster Shop (UK)



Acoustic Slatted Wall Panels

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Unit Overview

The Acoustic Slatted Wall Panel combines elegant design with practical functionality, offering an easy solution to enhance your interior aesthetics while improving sound quality. Crafted with premium flame-retardant MDF slats and a high-performance acoustic backing, these panels effectively reduce noise and create a warm, modern ambience. Perfect for homes, offices, or commercial spaces, the Acoustic Slat Wall Panel is simple to install and designed to transform any wall or ceiling into a stylish, sound-optimised feature with added safety.

Specifications

Dimensions

Panel

- **Height** – 2.4m / 240cm / 2400mm
- **Width** – 0.6m / 60cm / 600mm
- **Depth** – 0.021m / 2.1cm / 21mm

Slat

- **Width** – 0.27m / 2.7cm / 27mm
- **Depth** – 0.13m / 1.3cm / 13mm
- **Felt thickness** – 0.09m / 0.9cm / 9mm



Safety Advice

- Ensure panels are installed using proper adhesive application techniques, allowing sufficient curing time before placing stress on the panels. Consider using additional mechanical fixings as a backup to secure the panels firmly in place.
- Handle panels with care during installation, as sharp edges can cause cuts. Sand or finish all panel edges smoothly prior to installation and require the use of protective gloves to prevent injuries.
- Use appropriate personal protective equipment (PPE) such as gloves and masks when handling adhesives during installation. Ensure adequate ventilation in the work area and strictly follow the adhesive manufacturer's safety guidelines to minimize exposure to any chemical hazards.
- Verify that the acoustic panels are fire-resistant. If necessary, treat them with a fire-retardant coating and ensure they comply with local building codes for fire safety to mitigate the risk of fire hazards.
- Conduct regular inspections post-installation to check the stability of the panels. Address any signs of loosening or potential detachment immediately to prevent accidents.
- Store panels in a dry, controlled environment before installation to prevent warping or damage that could compromise their structural integrity.
- Do not modify or alter the panels without manufacturer guidance, as this could affect their acoustic properties and safety performance.
- Ensure panels are mounted on stable, structurally sound surfaces capable of supporting their weight. Confirm the wall or surface's load-bearing capacity before installation.
- Maintain clear documentation of installation procedures and safety checks for liability purposes and compliance with building regulations.
- Train installation staff thoroughly on best practices for handling, positioning, and securing panels to ensure consistent safety and quality.

Parts



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1 Piece(s)

Wall Plugs

25 Piece(s)

Screws

25 Piece(s)

Tools

Tape Measure

1

Strong Adhesive

1

Fine Tooth Handsaw and/or Circular Power Saw

1

Safety Glasses and Dusk Mask are recommended when cutting MDF

1

Pencil

1

Screwdriver

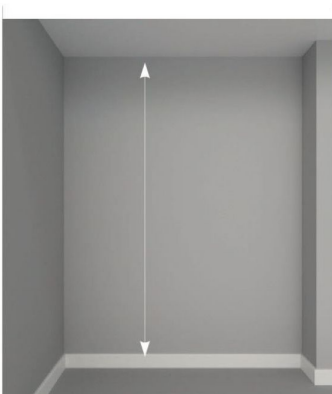
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Straight Edge/Spirit Level

1

Steps (18)

1. Using Adhesive

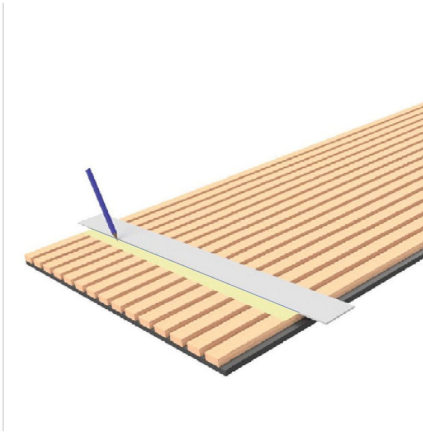


(Please note – if using this method, some damage to wall and panel may incur if you wish to remove at a later date)

- Measure vertical distance of wall

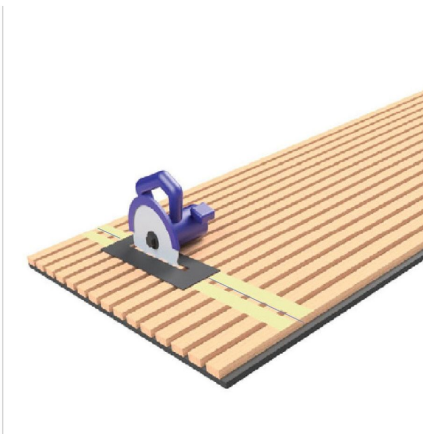


2. Using Adhesive



Measure and mark location of cut on the panel. Apply a strip of masking tape along area to be cut. Strike a line across using a pencil and straight edge.

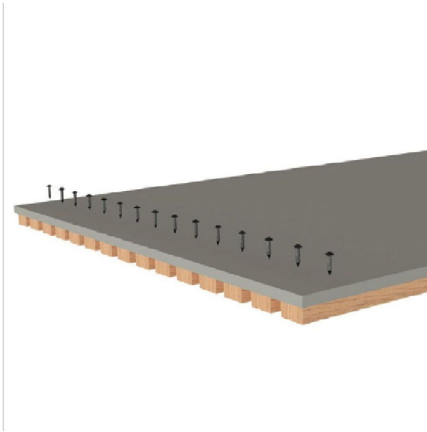
3. Using Adhesive



Cut panel to correct height using either a fine tooth handsaw or circular power saw. For best results, use a good quality sharp blade. Remove masking tape after cutting.

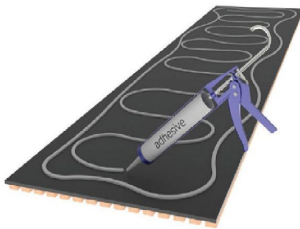


4. Using Adhesive



If slats on panel are loose after cutting, secure slats by inserting 15mm long screws through back of panel, through the felt and into the slats ensuring that screw heads are flush with back face of felt backing. Check panel fit on wall.

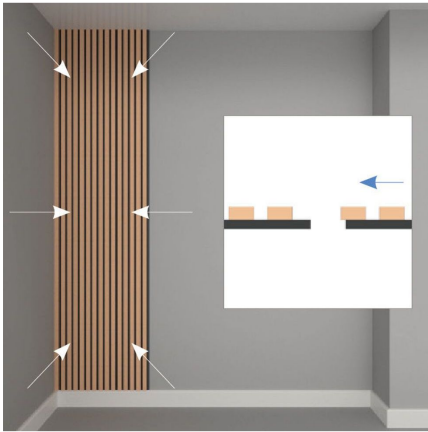
5. Using Adhesive



Next, apply a proprietary fast grab adhesive to the back of the panel. One standard cartridge should be enough to install 3 panels.

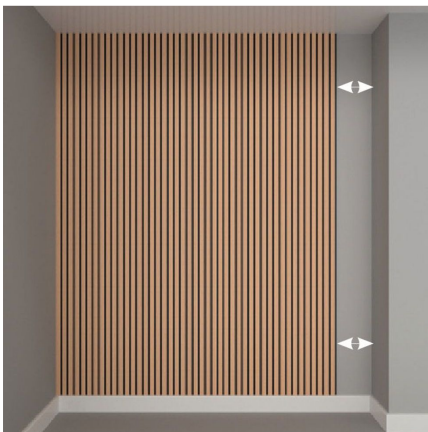


6. Using Adhesive



Working from left to right, carefully lift the panel up to the wall, ensuring that the panel side where the slat projects past the backing is to the left hand side and the open side where the slat is set back is to right hand side, ready to accept the next panel. Lead with the bottom edge, then locate fully up into position. Press the panel at the top, middle and bottom locations to ensure adhesive makes full contact with the wall. Check it is vertical using a spirit level.

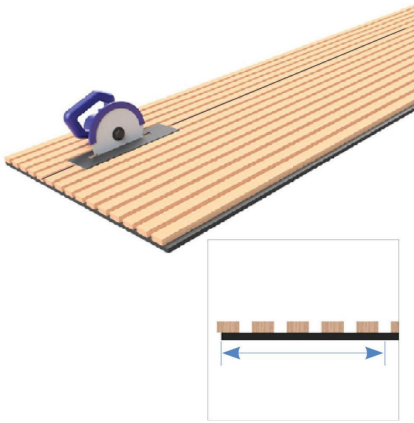
7. Using Adhesive



Repeat the above procedure for all remaining full width panels. When you come to the end of the run, it may be necessary to cut the last panel to the correct width. Measure the distance from the edge of the panel to the wall, at top and bottom, to check it's parallel.



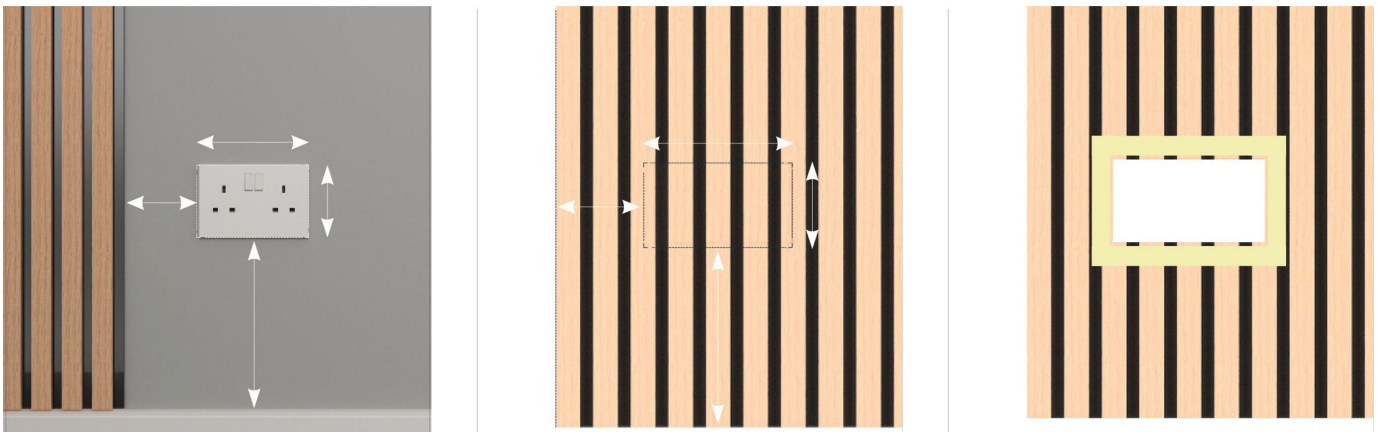
8. Using Adhesive

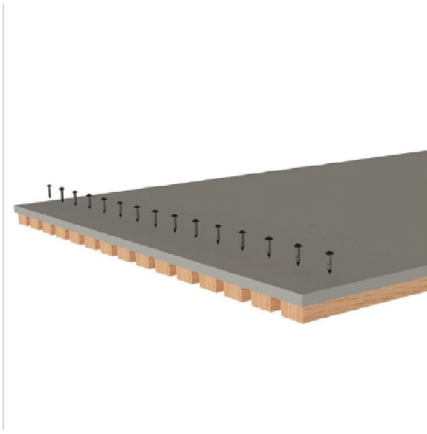


Transfer the measurements to the panel and mark. If the mark falls on a slat, please apply masking tape before marking. Cut the panel to the correct width. Place onto the wall to check its fit. Remove panel and apply adhesive to the back of the panel and install as previous.

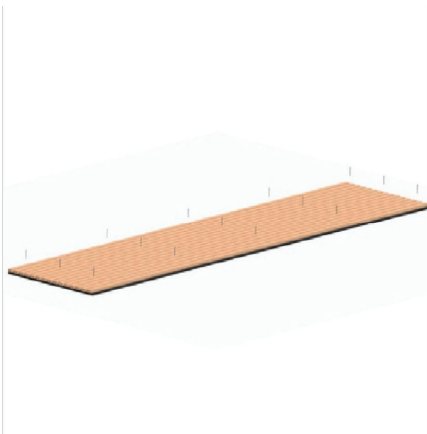
9. Sockets and Switches

To cut your panel to accommodate light switches and sockets, measure the size and location of the socket/switch. Transfer these measurements to the panel and mark the location of the socket/switch. Apply masking tape to the cut area. Cut the marked area using a jigsaw with good quality blades. Secure any loose slats following the same procedure used in Step 4.



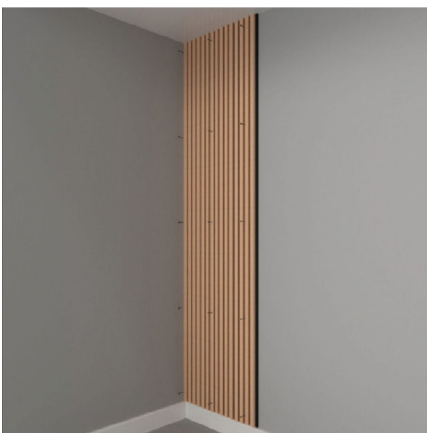


10. Screw to Wall



To secure the panel to the wall using screws, you will require 15 off, 3.5mm x 35mm black drywall screws set in 5 rows of 3. Top and bottom screws should be placed no closer than 50mm from the ends. On a 2.4m panel, rows should be spaced approx. 575mm apart. Using black coloured screws will help the screw heads blend in with the black backing felt.

11. Screw to Wall



Cut the panel to the required height and insert 15 screws through the front of the panel into the felt backing, ensuring they slightly protrude from the back. Position the panel correctly on the wall and use a spirit level to ensure it is vertical. Gently tap or rotate each screw with a screwdriver to create location marks on the wall. Then, remove the panel.



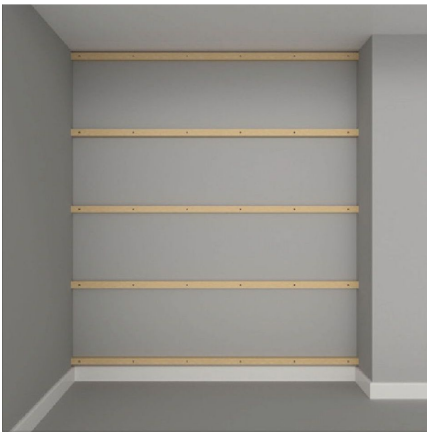
12. Screw to Wall

Drill and plug all location marks on wall using appropriate plugs suitable for the wall construction.

13. Screw to Wall

Place the panel back onto the wall and secure the panel using screws. Repeat the process for remaining panels.

14. Screw to Battens



Securely drill and fix five battens (45mm x 45mm) to the wall, evenly spaced. You have the option of installing mineral wool between the battens to improve insulation and increase sound absorption.

15. Screw to Battens

Measure and cut the panels as shown in adhesive fixing method instructions.



16. Screw to Battens

Position the panel against the battens at the starting point on the left side of the wall. Secure it using five rows of three screws. Repeat this process for the remaining panels.

17. Fixing to Ceilings

If you are installing panels to the ceiling, please ensure all fixings are located at structural points i.e into the joists.

18. Fixing to Ceilings

This installation will require 2 people. Care should be taken if using step ladders.

Alternatively, the use of a Panel Lifter Hoist Jack would be ideal for the job, depending on how many panels are being installed.

