CHESHIRE mouldings

WALL PANEL · SPECIALISTS ·

Acoustic Panels for Tall Walls
Fitting Instructions

Important Information

The following instructions are for installing the **Cheshire Mouldings Acoustic Panels**.

These panels are suitable for internal use only. Also suitable for kitchens & bathrooms as long as they do not come into direct contact with water. We recommend the use of an interior wood varnish on the slats and slat ends to seal them, which will protect against air moisture. Do not apply to felt backing.

Product dimensions – **2400mm x 605mm x 22mm**.

Panel has a coverage of approx. 1.44m².

If you have any queries please contact our technical helpline on **(0800) 085 3475**.

Please note
All components should be inspected BEFORE installation commences for any damage, as
Cheshire Mouldings cannot be held responsible for any damage caused during installation,
We do not recommend the use of a sharp blade to open the packaging as this may damage the product.

Tools required
Tape measure, pencil, adhesive, screwdriver, fine tooth handsaw and/or circular power saw, straight edge/spirit level, screws & wall plugs.

Preparation
Before you install, ensure that the wall is clean and smooth and remove any nails or screws etc.

If you are drilling and inserting screws into the wall, we recommend that you use a pipe & cable detector first to identify and mark these locations onto the wall so you can fix around them.

Masking tape should be applied to all cut locations prior to cutting. Always use sharp, good quality blades when cutting.

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Installation Methods

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).

Please read through fitting instructions before commencing installation.

Measure height of wall **(Fig 1)**. These instructions are written for tall walls in excess of 2.4m high.

Take your first 2.4m acoustic panel and apply a proprietary fast grab adhesive to the back of the panel **(Fig 2)**. One standard cartridge should be enough to install 3 panels.

Working from left to right, carefully offer panel up to wall, ensuring that the panel side where the slat projects past the backing is to left hand side and the open side where the slat is set back is to right hand side, ready to accept next panel **(Fig 3)**. Lead with bottom edge, then locate fully up into position. Press panel at top, middle and bottom locations to ensure adhesive makes full contact with wall. Check vertical using spirit level.

Repeat above procedure for all remaining full width panels ensuring that the tops of the panels are aligned and flush with each other. When you come to the end of the run, it may be necessary to cut the last panel to correct width. Measure distance from edge of panel to wall, at top and bottom, to check parallel **(Fig 4)**.

Transfer the measurements to the panel and mark. If mark falls on a slat, please apply masking tape. Cut panel to width **(Fig 5)**. Offer onto wall to check fit. Remove panel and apply adhesive to back of panel and install as previous **(Fig 6)**.

Using a packing piece 9mm thick x 20mm wide, cut to the length of the panel run **(Fig 7)**.

Drill a series of countersunk holes through the packer and offer onto tops of panels. Plug and screw to secure to wall ensuring screw heads are below surface of packer **(Fig 8)**.
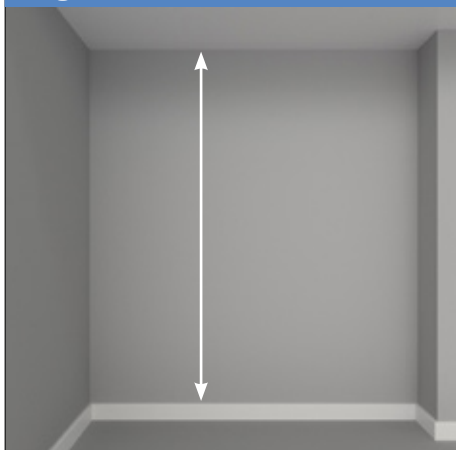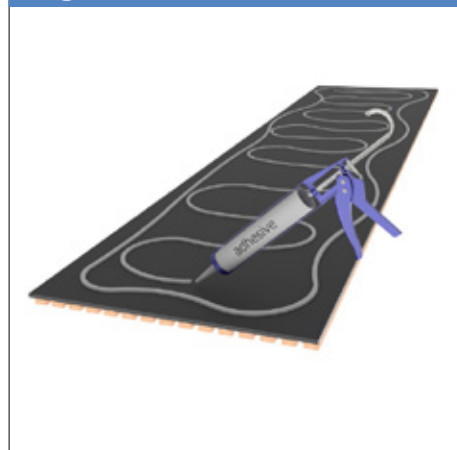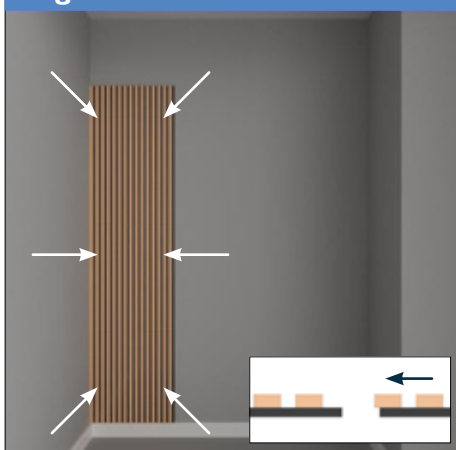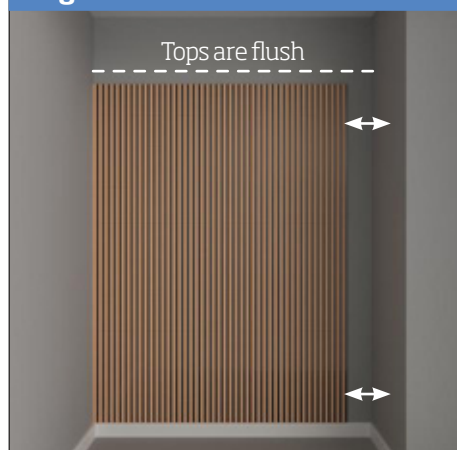
Fig.1

Fig.2

Fig.3

Fig.4

Tops are flush

Fig.5

Fig.6

Fig.7

20mm

9mm

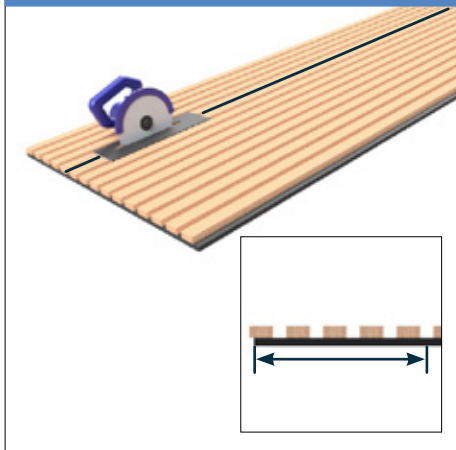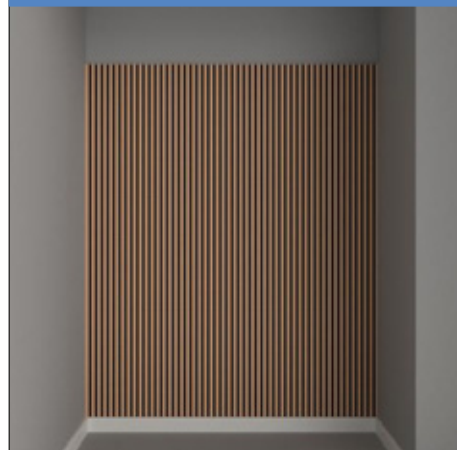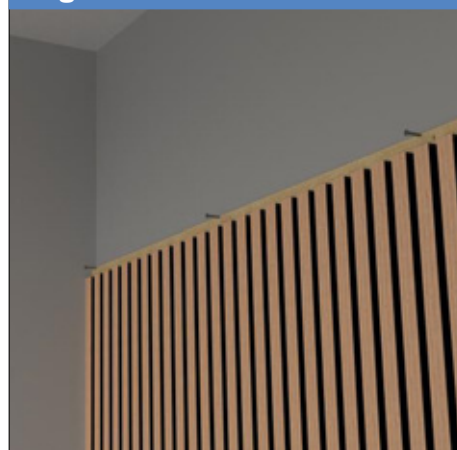**Fig.8**

Take the corresponding colour loose slat and cut to length. Apply a bead of proprietary fast grab adhesive to the back face **(Fig 9)**.

Offer loose slat on to top of panels and press against previously fixed 9mm packing piece **(Fig 10)**.

Ensure the front face of the loose slat sits flush with the front face of the panel slats and there are no gaps between the loose slat and the tops of the panel slats (**Fig 11**).

Next, measure the distance from top of the horizontal slat to the ceiling (**Fig 12**). We advise 2 measurements are taken approx. 600mm apart just in case the ceiling is slightly out.

Transfer these measurements to a panel ensuring it is the correct orientation. Apply masking tape to area and mark with pencil and straight edge **(Fig 13)**.

Cut panel to length. For best results, use a good quality sharp blade. Remove masking tape after cutting. Lightly sand edges of cut ends **(Fig 14)**.
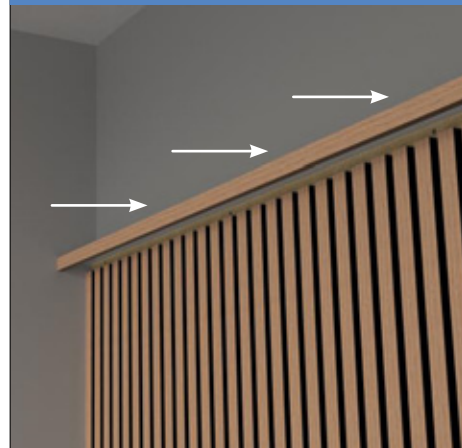
If slats on panel are loose after cutting, secure slats by inserting 15mm long screws through back of panel, through the felt and into the slats ensuring that screw heads are flush with back face of felt backing **(Fig 15)**.

Offer cut panel into position to check fit and alignment. Remove and apply adhesive to the back of the panel and offer back into position and press firmly to secure in position **(Fig 16)**.
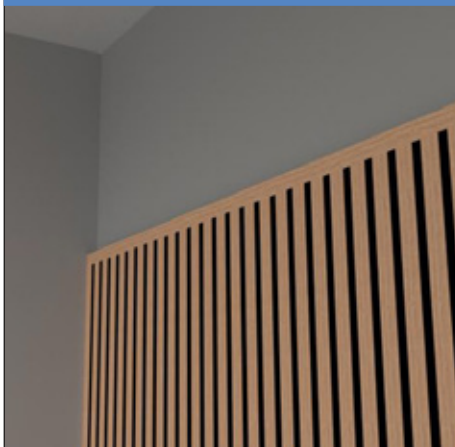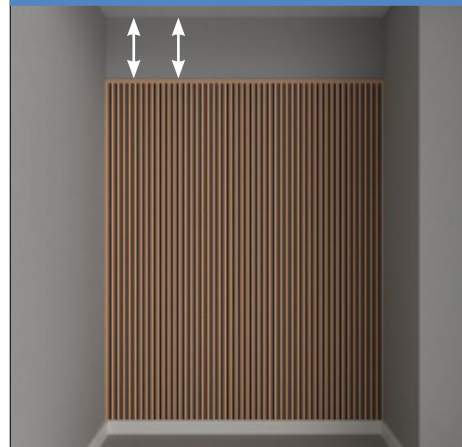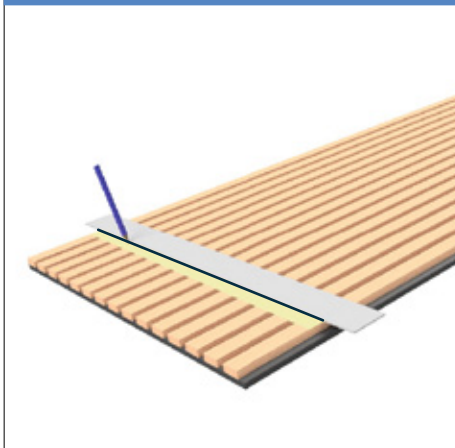
Fig.9

Fig.10

Fig.11

Fig.12
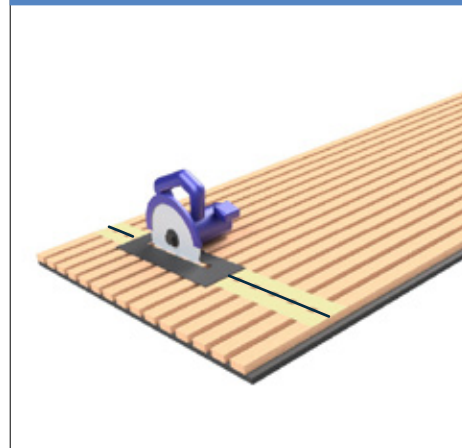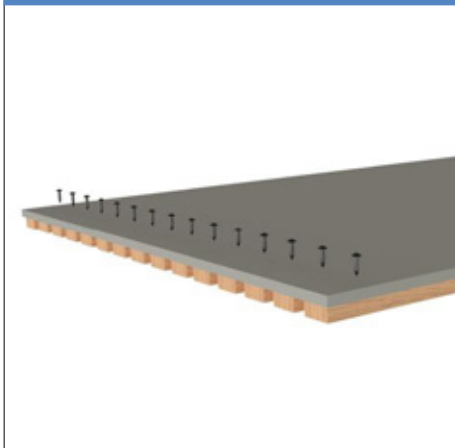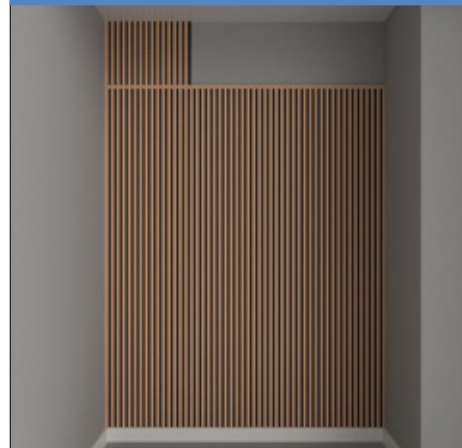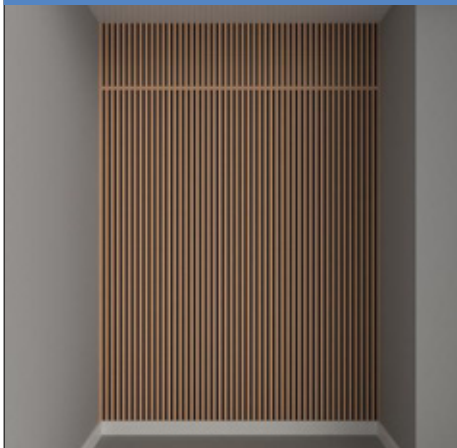
Fig.13

Fig.14

Fig.15

Fig.16

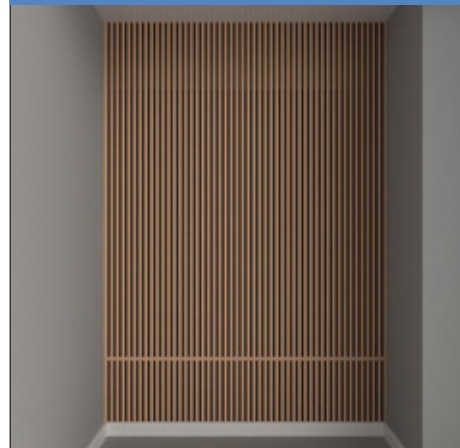Repeat installation for remaining panels following same procedure until all panels are fitted **(Fig 17)**.

Alternatively, you may prefer the join lower down **(Fig 18)**.

Another option is to have 2 joins, top and bottom **(Fig 19)**. Simply measure the height to the ceiling and subtract 2400mm and 2 x 25mm loose slats, then subtract this from the total height and divide by 2. Please note when you are cutting small pieces from a panel it is recommended you apply the 15mm screws in from the back of the panel first **(Fig 15)** taking care that the screws are away from the cutting area.
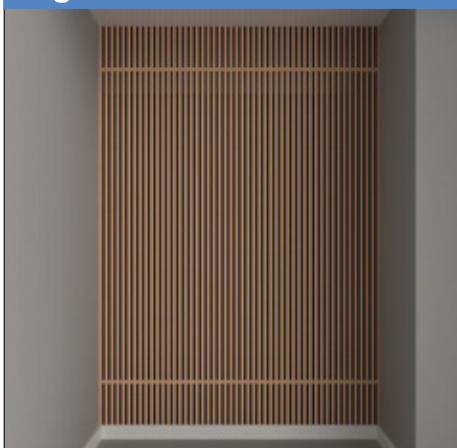

Fig.17

Fig.18

Fig.19

Screw to Wall

To secure panel to 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 **(Fig 20)**. Using black coloured screws will help the screw heads blend in with the black backing felt

Apply masking tape and cut panel to correct height. Insert off screws through front of panel into felt backing so they project slightly through the back. Offer panel up to correct position on wall, check vertical using spirit level. Tap or rotate each screw with a screwdriver so they leave a location mark on the wall. Remove panel

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

Offer panel back to wall and secure panel using screws. Repeat process for remaining panels.

Fig.20

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Lacquered

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