

PRODUCT INSTALLATION

There are two possible ways to install Accent Digital AD-coustiko panels :

- Using narrow head [screws with a head diameter of 5mm](#) screwed in the grooves of the panels;
- Attach the panels using ["Z" Clips suspension bars](#).

The first alternative is the one we recommend. It is faster and easier. In addition, it offers more adaptability to install panels that have been cut.

Important information for panels finished with wood veneers :

Natural wood veneers presents hues and grain variations. The richness and beauty of the wood is enhanced by these variations and they do not constitute a defect.

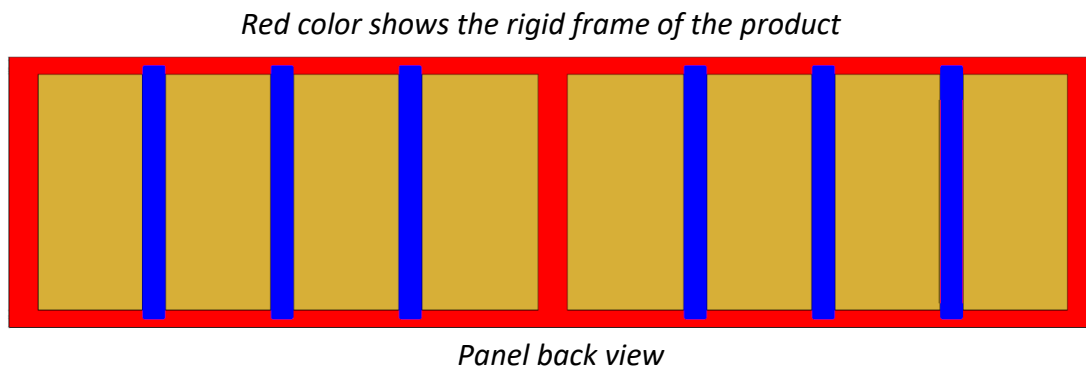
If you have many panels to install side-by-side, take time to look at them to determine the desired arrangement.

PRODUCT INSTALLATION (CONT'D)

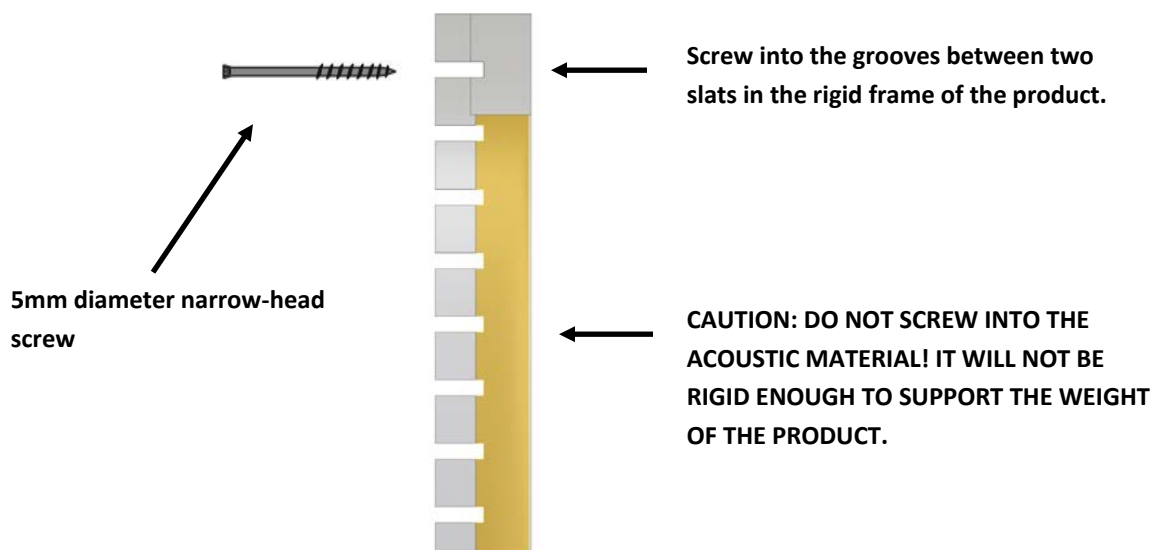
Using Narrow-head screws

Accent Digital's AD-coustiko panels can be easily installed using **5mm diameter narrow-head screws**. A sufficient number of screws **must pass through the rigid frame of the panel** and must secure in a **suitable nailing base**. We recommend the use of a minimum of six (6) screws per full-size panel in a wall mount and eight (8) screws in a ceiling installation.

CAUTION—**screws should not only pass through the acoustic section** of the product as this will not be rigid enough to hold a screw and support the weight of the product. The following image shows the location of the rigid frame of the panels that the screws must pass through. The rigid frame of a panel is visible from the front through its grooves.



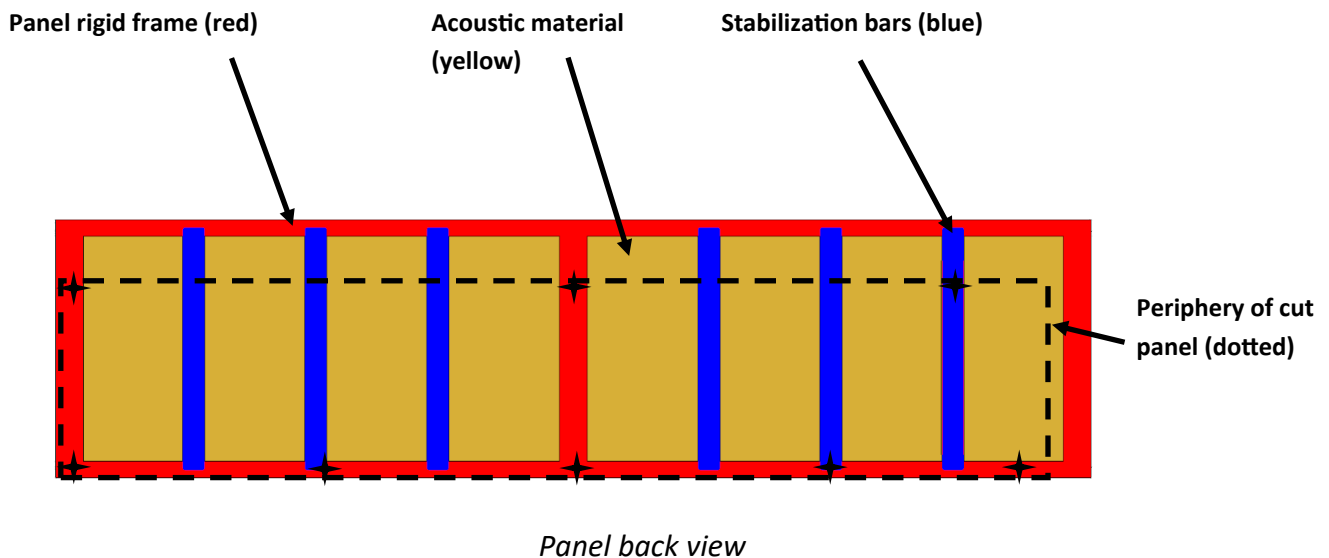
The width between the panel slats is 6mm and can accommodate 5mm diameter narrow head screws without damaging the slats. The screws inserted in the grooves between the slats will be almost imperceptible following installation. The screw can be inserted until its head is flush with the bottom of the groove. Accent Digital can provide the screws and accessories required for installation upon request.



USING NARROW-HEAD SCREWS (CONT'D)

Installing a panel having undergone a lateral cut and/or a longitudinal cut

A panel which has undergone a longitudinal cut must be installed using a sufficient number of screws inserted into its residual rigid "L" shaped frame. These screws will support the majority of the weight of the panel and the rigidity of the frame will ensure a solid installation. To ensure that the opposite corner of the panel (along the cutout) is securely attached to the mounting surface, one or more additional screws can be attached through the acoustic material to a stabilizing bar at the rear of the panel. Since these bars are not visible from the front of the panel, their locations must be marked before installation by the installer to ensure that the screw is well anchored in a bar. A screw fixed only in the acoustic material will pass through the material and will not support the panel.



The black stars in the image above represent the recommended screw locations for attaching to the ceiling a panel cut according to the dotted rectangle with a longitudinal cut and a side cut. For wall mounting, only six screws would be required but screws in the center and corners of the panel should be used. It may sometimes be necessary to use a finishing nail directly through a slat in the cut-out corner of the panel (upper right corner in the image above) to ensure that the corner will not lower when installed on a ceiling.

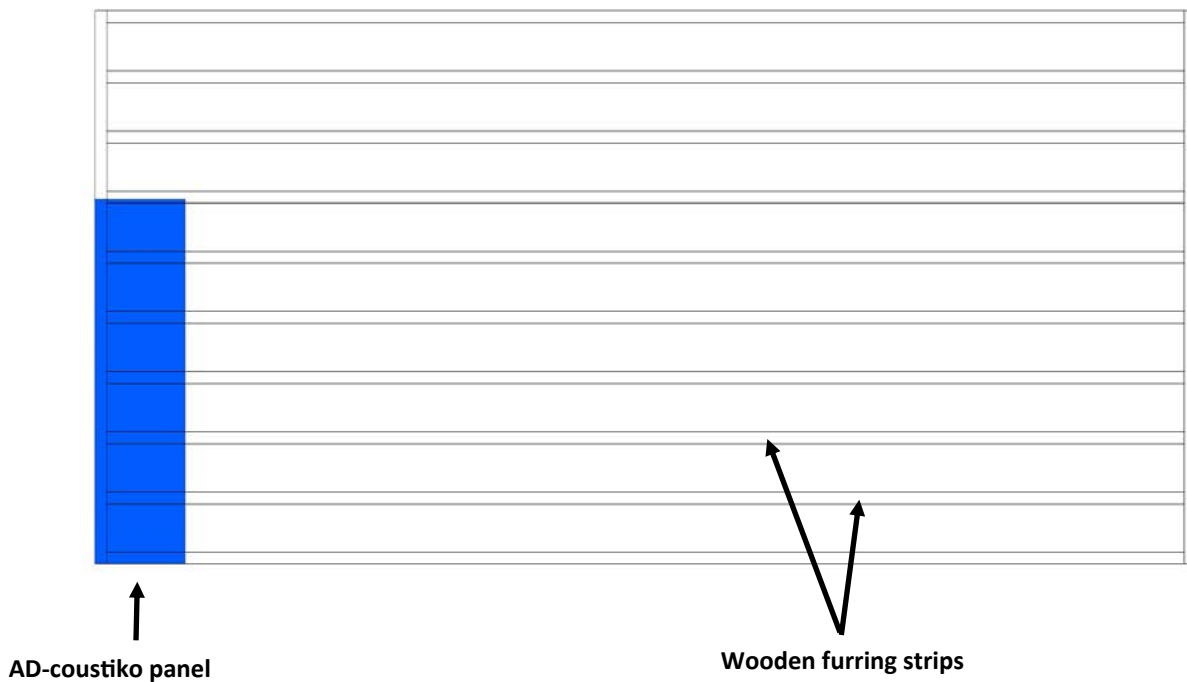
NARROW HEAD SCREW INSTALLATION (CONT'D)

Installation with wooden furring strips

A situation may require the prior installation of wooden furring strips as nailing bases. In this case, it is recommended to install furring strips to the contour of the installation surface and in the perpendicular direction of the panels.

It is also possible to install the furring strips to the contour of the surface and in the parallel direction of the panels. In this case, it is important to ensure that the furring strips will be placed precisely in order to respect the dimensions of the panel frames. Panels must be secured using an adequate number of screws in their frame (see PP. 13).

Nailing base with wooden furring strips perpendicular to the panels

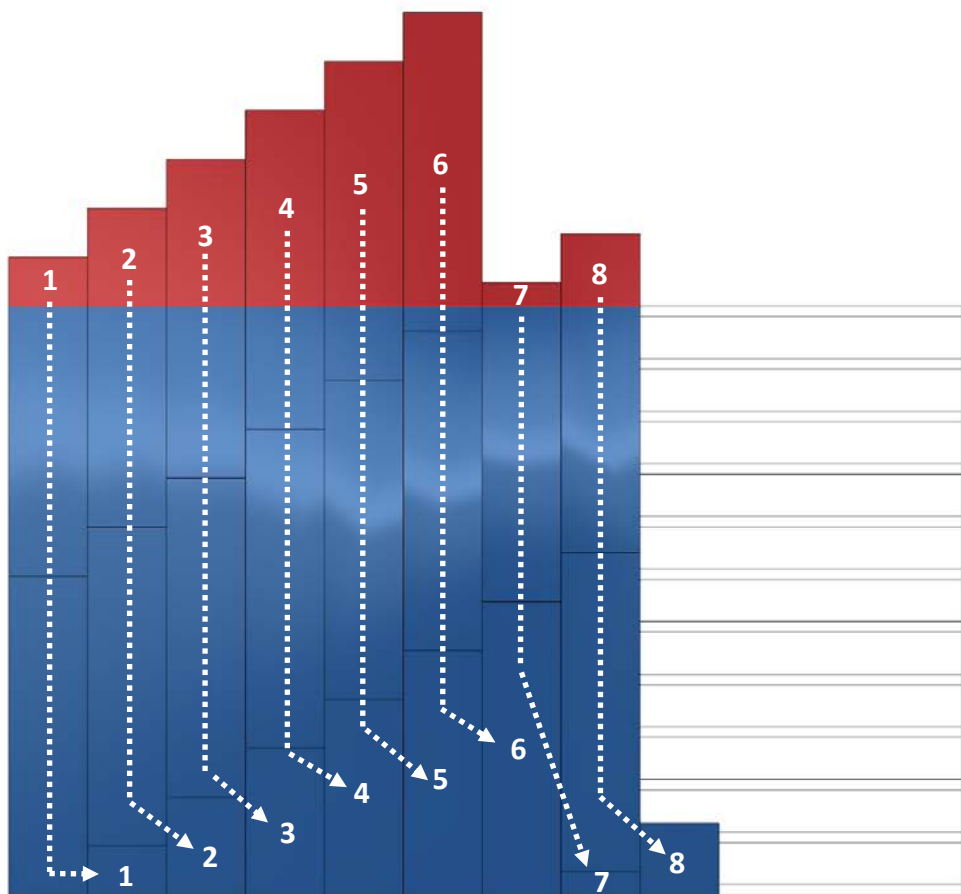


Staggered installation

When a staggered installation is desired, the last panel installed in a straight line should be used as the first panel in the next line and it should be installed in the same orientation, so that the cut end is close to the cut end of the installation surface (see image below).

A staggered installation is easier to achieve using narrow head screws than “Z” shaped hanger bars.

Staggered installation panels

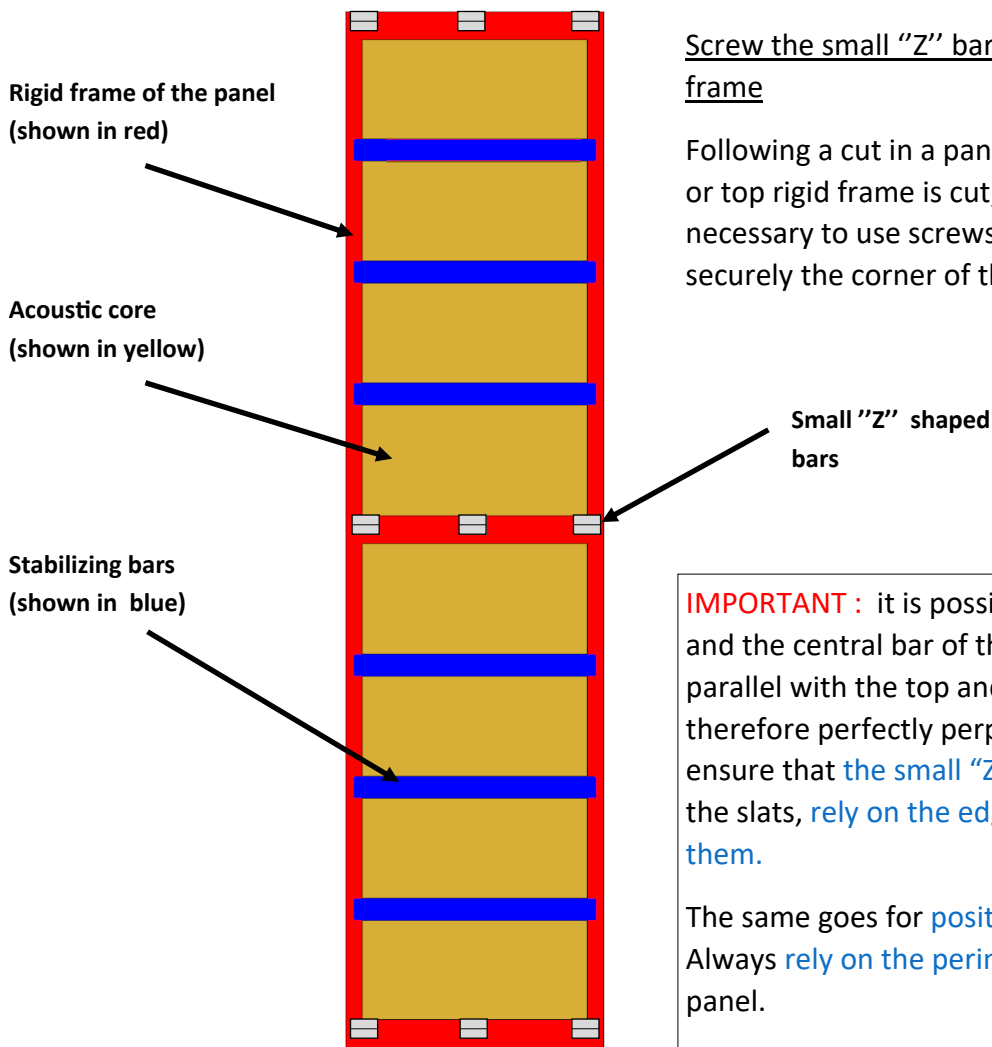


INSTALLATION DU PRODUIT

Fixation par barres de suspension en forme de "Z"

Accent Digital AD-coustiko panels can be installed using aluminium "Z" bars. This installation method is suitable for walls only. There should be a minimal clearance of 25mm (1") at the top of a panel to allow it to be hung on the mural "Z" bars.

Three small bars must be screwed into the top, middle and bottom of the rigid frame (see drawing below). The horizontal members of the frame, where the "Z" bars are attached, have a height of 64mm (2.5"). They can accommodate "Z" bars which are 43mm (1.71") high. DO NOT ATTACH THE "Z" BARS TO THE STABILIZING BARS. **IMPORTANT: NEVER SCREW INTO THE FRAME WITHOUT PRE-DRILLING**



Screw the small "Z" bars only in the rigid frame

Following a cut in a panel, if the bottom or top rigid frame is cut, it may be necessary to use screws to attach securely the corner of the panel.

IMPORTANT : it is possible that the stabilizing bars and the central bar of the frame are not perfectly parallel with the top and bottom of the panel, therefore perfectly perpendicular to the slats. To ensure that the small "Z" bars are perpendicular to the slats, rely on the edge of the panel to align them.

The same goes for positioning them in height. Always rely on the perimeter (top or bottom) of the panel.

Rearview of a panel

PRODUCT INSTALLATION (CONT'D)

With "Z" clips suspension bars (cont'd)

During the installation of continuous "Z" bars clips to the wall, make sure that the joints behind the panels arrive between two bars.

If a joint arrives between two panels, it may be difficult to install them close to one another and perfectly parallel.

