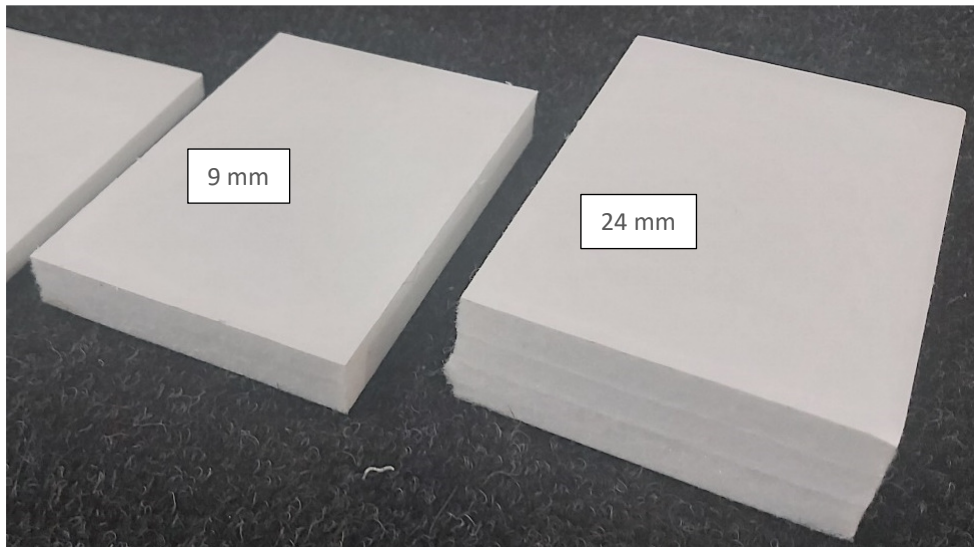


Backing Plate Explainer

Echo Solutions has developed and chosen to offer our backing plate installation method for a few reasons.



1. The use of the backing plates provides a means to fix the panels to a wall. The PSA (pressure sensitive adhesive) creates a solid bond between the backing plate and polyester acoustic panel. The use of the PSA on the other side of the backing plate, gives you an option for;
 - a. Being a permanent fix to the wall of your choosing.
 - b. Strong bond between the adhesive roll tape provided, giving you a non-permanent adhesive solution.

Non-permanent – the adhesive tape is not as aggressive as the PSA and allows for you to bond your panels to the wall. If its not in a desired position it can be removed and relocated, or when moving out of your premises, the panels can be taken with you. The adhesive roll tape is not aggressive enough to pull paint or plasterboard from the wall.

2. Secondly we offer our backing plates for aesthetics. Design flexibility is achieved by your selection of different backing plates. 9mm backing plates are provided to you as our standard offering. You can choose to receive additional 24mm backing plates, providing you with the ability to create a contrast in the depth that the panel is fixed to the wall. This gives you licence and freedom to play with the different height the panel can sit off the wall.



(Example above – Batten Panels installed with 9 (bottom) & 24mm (top) backing plates.)

3. Acoustics, is a further reason we offer our backing plate installation method. Echo Solutions have conducted all our acoustic science, based on the acoustic panels' raw performance.

When cavities are created behind the panel, it amplifies the panels acoustic absorption capabilities. The use of the backing plates creates a small cavity enhancing the performance of the acoustic panel.