

techno
acoustic™

techno
ceiling

Techno Acoustic™

Non-woven Polyester Fiber Acoustic
Panels

Installation Guide

Techno Acoustic™ Panel Installation:

Please read the entire Installation Guide prior to installation:

This guide contains recommendations, however it is not a step-by-step guide.

We recommend installing our products with our authorised installer or by an experienced and professional tradesperson.

If you have any questions regarding installation techniques please contact Techno Ceiling Products.

Pre-installation Requisite:

Before you cut and install Techno Acoustic™ products please ensure the following:

All products are inspected prior to despatch, however upon receipt customers are required to check that the products have not been damaged during transportation and note any damage on the delivery receipt.

Colour variation in the Techno Acoustic™ Products may occur from batch to batch.

Techno Acoustic™ Panels are supplied in plastic wrap with batch numbers for identification process.

Handling & Storage

Techno Acoustic™ products are a semi-rigid product and care must be taken when handling and storing these products so to avoid damage. Panels should be handled with care while shifting.

Wear clean gloves when handling the products to prevent any soiling/markings.

Avoid bending or flexing the panels as this can cause creasing.

Techno Acoustic™ products must be stored indoors, in a clean and dry area.

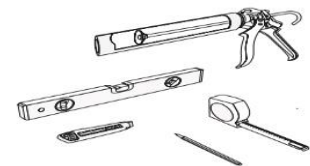
The entire panel must be laid flat on a solid, horizontal, dry surface. Do not store the panels on their edges.

Take care to keep both sides of the panels clean during storage.

Keep workbenches clean to avoid soiling and scratching the products.

Tools Required

Gloves, cloth, tape measure, utility knife, Cutting blade, metal guides, marker, Straight Edge Guide, drill, construction adhesive, nails, screws.



Measuring & Checking

Before installation, measure the wall or ceiling area and check the installation plan.

Check the dimension of each wall/ ceiling section.

All Techno Acoustic™ products must be measured and squared-up prior to installation. Check the panels are square and if required, cut a straight edge using a utility knife or Industrial grade cutting blade. Then cut panels to the appropriate length.

Surface Preparation for Wall Paneling:

Techno Acoustic Panels can be installed on substrates including plasterboard, MDF, ply board and fiber cement sheets. However, these panels are not recommended for substrates with textured or rough surfaces.

Before installation, ensure the walls and surfaces are clean, dust free and free of imperfections (dents and cracks should be filled and sealed with suitable interior grade materials).

We recommend wiping down the wall surface with a clean, damp cloth.

Cutting:

Cutting must be trialed on a piece of scrap prior to cutting the panel to ensure the highest possible finish.

Always use sharp and clean blades.

Proper safety equipment must be worn at all times.

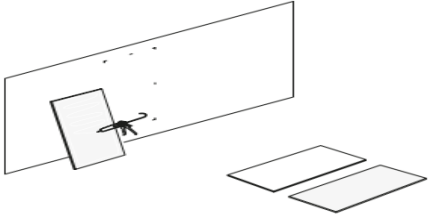
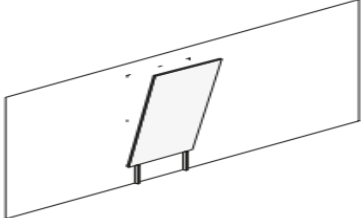
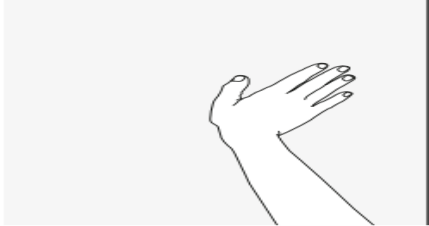
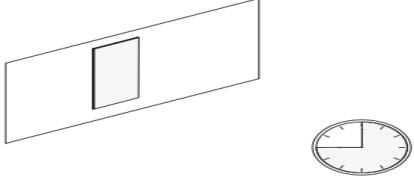
Do not cut with a dull blade or cutter.

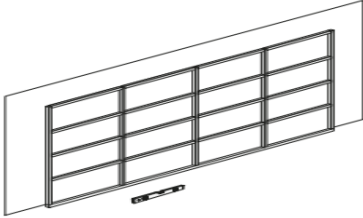
Do not apply excessive clamping pressure.

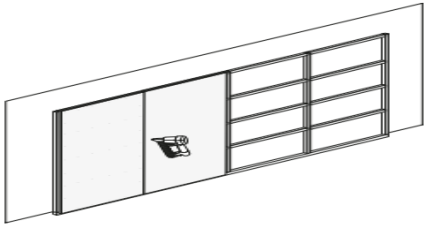
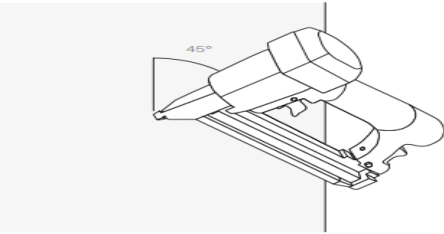
Do not use a blade with side-set teeth.

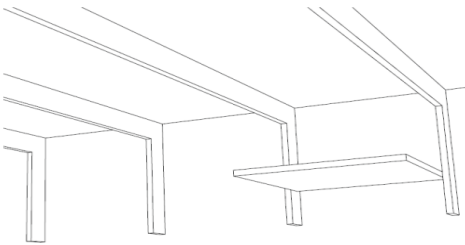
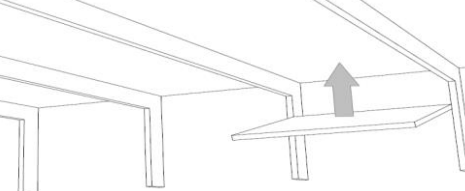

Fixing

- Techno Acoustic™ products can be fixed by glue / adhesive.
- All common substrates including plasterboard, timber, MDF, block and concrete must be sealed prior to application of the adhesive.
- The installer must ensure that the adhesive used has proven that their product is suitable for fixing Techno Acoustic™ products to the intended substrate.
- We recommend a test panel be used on the substrate to ensure a satisfactory bond.

Installation of Techno Acoustic™ Panels on Wall using Adhesive:	
<p>Step 1: Each panel has a back and front side, the back side has a rough finish & front side has a smooth finish. Ensure to select the correct side for installation.</p> <p>Step 2: Cut the panels to desired size.</p> <p>Step 3: Apply appropriate adhesive</p>	
<p>Step 4: Start applying the panel from the bottom.</p>	
<p>Step 5: Slowly press the underside of the panel onto the surface while keeping the panel as level as possible. Ensure that the corners and edges are properly attached.</p>	
<p>Step 6: Cure Time - allow the adhesive to cure. The curing time may vary, follow the adhesive manufacturers recommendations.</p>	

Installation of Techno Acoustic™ Panels on Wall with Nails/Screws:	
<p>Step 1: Each panel has a back and front side, the back side has a rough finish & front side has a smooth finish. Ensure to select the correct side for installation.</p> <p>Step 2: Cut the panels to desired size.</p> <p>Step 3: If required, prepare a framework. Ensure that the frame is levelled. Panels can also be placed directly on the substrate without framework.</p>	

<p>Step 4: Place Techno Acoustic Panels at required placement for nailing. Ensure that the pressure of a pneumatic nailer tool is set as per required pressure.</p>	
<p>Step 5: For a better grip of the headless nail, the nails should be applied at an angle of approximately 45°.</p>	

Installation of Techno Acoustic™ Panels on Ceiling:	
<p>Step 1: Each panel has a back and front side, the back side has a rough finish & front side has a smooth finish. Ensure to select the correct side for installation.</p> <p>Step 2: Cut the panels to desired size.</p> <p>Step 3: Ensure all edges are square and use gypsum screw/headless nail to screw the panel in fixed position</p>	
<p>Step 4: Start installing the panels from the edge.</p>	
<p>Step 5: Ensure to press the panel against the ceiling with clean hands with no air pockets between panel and the surface.</p>	

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