Acoustic Panel Absorber

Safety & Installation Guidelines

Mammoth® 100% polyester insulation is safe and easy to install. Mammoth Panel Absorber is designed to be used as an interior surface lining in commercial and residential spaces to help reduce noise reverberation.

Before you get started

- Mammoth is safe to install - it will not irritate your skin when you touch it.
- Keep the product dry at all times. Do not use Mammoth Acoustic Panel Absorber in situations where the product will come into contact with water or moisture. Allow a minimum gap of 25mm from any building surface that is damp or may become damp during the intended use of the building.
- Avoid compression of the product, as it will adversely affect performance. Nominal thickness of the product should be kept at all times.
- Use sufficient product so that a snug fit is achieved. Cut to required lengths using a Tajima knife or other heavy duty blade.
- For further safety information on installing insulation refer to NZS4246 Appendix B and the HSE Act.

Recommended tools

- Contact adhesive & construction adhesive - To be used together for long term adhesion
- Insualtion hangers if glue fixing not being used - Best to contact Mammoth for advice on this method
- Cutting knife, heavy duty, such as Tajima or similar. An insualtion saw can be used also.
- Straight edge or steel ruler for accurate cutting
- Tape measure

Things to look out for

Electrical Wires

- Mark the position of services; eg electrical wires and telephone lines as you need to cut the insulation accordingly.
- When working near electrical cables and equipment, care should be taken to avoid damaging any electrical insulation.
- Where possible fit Mammoth Panel Absorber behind electrical wires or pipes
- Refer to a registered electrician or qualified electrical engineer and/or AS/NZ 3000 for further guidance.

How to install Mammoth Panel Absorber

Mammoth Acoustic Panel Absorber is typically applied to ceilings, it can also be used on walls. Often behind a perforated plywood or similar. The material is mainly glue fixed to linings. It can be fitted to timber strapping, for example between strapping on a wall finished with perforated plywood.

Adhesive fixing requirements

Ensure the surface is clean and dry.

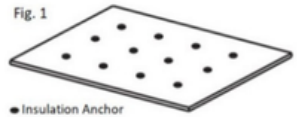
- Measure the entire surface you are covering & ensure you have enough Panel Absorbers.
- Ensure surface meets adhesive requirements, all gaps and joins to be covered, substrate to be prepared to a minimum level 3 finish.
- Measure Mammoth Panel Absorber and cut sheet to size if required.
- Two (2) adhesives must be used. Full coverage of contact adhesive on substrate and panel for primary adhesion combined with a secondary construction adhesive at minimum 150mm strips across the panel.
- Recommended 25mm negative detail, product can be butt joined but is not recommended for aesthetic reasons.
- For more details, refer to adhesive manufacturers recommendations.

Disclaimer: Mammoth Panel Absorber is designed for acoustic applications rather than a high end finished panel. It is sold as a bulk insulation product. The surface will show creases and inperfections, due to the manufacturing process. Generally, this is deemed acceptable given the low material cost, offering excellent value for a fair looking product that has great acoustic performance. Mammoth panel absorber typically offers a large cost saving over high end acoustic panels on the market.

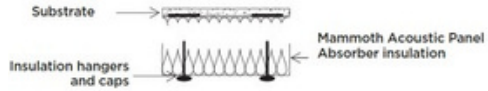
Current as at October 2026.

Mechanical fixing requirements

- Ensure the surface is clean and dry.
- Measure the entire surface you are covering & ensure you have sufficient Panel Absorbers to cover it.
- If using insualtion anchors, ensure you have sufficient hangers to provide enough per panel as drawn below



- Ensure surface meets adhesive requirements.
- Using a pen or permanent marker, mark up where the Insulation hangers are to be positioned on the clean surface.
- Fix the Insulation hangers onto the surface with screws or nails. If using glue, apply a sufficient amount of construction adhesive glue onto the base and glue them to the surface. Note: ensure you maintain even centre intervals.
- For additional strength, apply contact adhesive and/or construction adhesive between the insulation hangers. Be mindful of porous surfaces with contact adhesive.
- Measure Panel Absorber and cut sheet to size.
- Line up the Mammoth Acoustic Panel Absorber to an outer edge first and then push the panel onto the insulation hanger.
- For safety, note the insulation hanger's position when applying onto the surface.
- Fix insulation hanger caps onto the ends of the facing pins, so that it fits up against the Panel Absorber without compressing. If necessary, a suitable washer can be applied before the cap.



If necessary, paint caps to match the colour of the Mammoth Acoustic Panel Absorber.

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* Mammoth is a registered trade mark of InZone Industries Ltd