



MAMMOTH MULTI SAFETY AND INSTALLATION GUIDELINES

GENERAL

Mammoth 100% polyester insulation is safe and easy to install. Mammoth Multi is designed to be installed in the Ceiling, Walls and Floors of new or existing homes or buildings. It will create a warmer, healthier home or work environment.

BEFORE YOU GET STARTED

SAFE TO INSTALL

- It won't irritate your skin when you touch it – in fact it is made from the same material that you may find in your pillows and duvets
- For further safety information on installing insulation refer to NZS4246 Appendix B and the HSE Act

EASY TO INSTALL

- Manufactured in sections, it is easy to install as it is friction fitted and squeezed to fit snugly between the joist, truss or stud.
- Mammoth Multi comes in pre-cut sections which are varying widths and lengths.
- Before installation, measure the distances between floor joists (underfloor), studs (wall) or ceiling joists (ceiling). We recommend every single bay is measured as joist/stud spacing can vary in a house. This will help in selecting the appropriate width(s) to minimise cutting and installation time.

RECOMMENDED TOOLS

- Step ladder
- Wide blade craft knife with a pack of replaceable blades
- Tape measure and/or digital laser meter
- Multi LED headlamp
- Glow spray paint
- Ventilated goggles, dust mask and protective clothing (for protection from dirt, dust, spiders and other safety risks)

CUTTING THE PRODUCT TO FIT

- On-site cutting should be kept to a minimum using the recommended knife and blades. Change the blade regularly
- Avoid cutting Mammoth Multi against joists or bearers, or near electrical wiring

THINGS TO LOOK OUT FOR

When installing Mammoth Multi you may come across:

Electrical Wires

Here is what you need to do:

- Mark the position of the electrical wire and telephone lines
- Where possible Mammoth Multi should be fitted behind electrical wires
- Walls - If you need to cover the wire mark the position of the wire and slit insulation roughly to the middle of its thickness. Do not cut insulation near to electrical wires. Install insulation wrapping it around the wire
- Take care not to damage electrical wires or phone lines – treat all wires as live
- Underfloor - warning tags should be placed at points where Mammoth Multi covers electrical wiring

Pipes under the floor

- Maintain a 100mm gap between the Mammoth Multi and waste pipes. This will also ensure adequate room for a serviceman requiring access to the pipes

Lights (including downlights)

- For lights under the floor maintain a 200mm gap between Mammoth Multi and the light
- Downlights - Follow instructions from the downlights supplier and leave clearances between the downlights and insulation if required. If these instructions are not available we recommend a clearance between the light fitting and insulation of 100mm
- Recessed Wall lights - Follow instructions from the light suppliers and leave clearances between the recessed lights and insulation if required. If these instructions are not available we recommend a clearance between the light fitting and insulation of 100mm

Is your home brick veneer or a building with ventilated cavity in the wall?

- Do not block the ventilated cavity with insulation, as it will reduce the air circulation and result in moisture in the wall
- Only fit Mammoth Multi Sections to the outer edge of the bottom plate, leaving the cavity clear

Other Hazards/Obstructions

Clearances between the insulation and potential items in the Ceiling, Walls and Floors:

- Extractor fans (un-ducted/exposed) – 200mm
- Metal flues – 50mm
- Roofing material – 25mm
- Roofing underlay – 25mm
- Brick/concrete chimneys – 50mm

For other clearances please refer to NZS4246

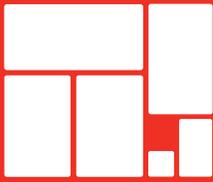
R-Value

This product will achieve nominal stabilised thickness and R-Value within 72 hours after being fitted. However, the performance of this product may be reduced if stored for a prolonged period of time in its compression packaging.

The total installed R-Value of Mammoth depends on the building materials, design and installation and may be greater, equal or less than the stated R-Value of the product.

Manufactured by: InsulPro Manufacturing Ltd
27 Birmingham Road, East Tamaki, Manukau 2013

* Terms and conditions apply



Mammoth
MODERN INSULATION

MAMMOTH MULTI SAFETY AND INSTALLATION GUIDELINES

HOW TO INSTALL MAMMOTH MULTI

The product is designed to be friction fitted between the ceiling joist/trusses (bottom chords), floor joists and wall studs/dwangs (nogs). Allow 5-35mm Section width, over the gap between the inside of the joists/trusses, floor joists and wall studs/dwangs (nogs), to ensure a snug fit.

CEILING

NEW BUILD

Mammoth Multi can be fitted from the top of the ceiling joists or from underneath, before the ceiling is lined. Refer to NZS4246 (clause 5.1) for full details on installation of segmented insulation in unlined ceilings.

EXISTING CEILINGS

1. Level existing insulation and clear it away from downlights
2. Start installation at the furthest most point from the man hole
3. Place the section in the ceiling bay, between the ceiling joist/trusses, ensuring there are no gaps between the section and ceiling battens. Allow 5-35mm section width, over the gap between the inside of the joists/trusses, to ensure a snug fit
4. The product should not come in contact with the roof/underlay. A minimum of 25mm clearance is required. If the product is going to touch on the roof underlay in confined spaces, use thinner insulation to maintain a 25mm clearance
5. Fit the next section by butting both ends together without any gaps or undue compression. It should sit firmly in place. There should be no tucks, creases or folds
6. Cover the entire ceiling, including at least 50% of exterior top plate (except where obstructed by other framing members e.g. ceiling joists)
7. At the end of the installation check and repair any visible gaps. Use any offcuts to fill small gaps

Check out NZS4246 for install guidelines on specific ceiling types such as Low Pitched, Truss, Skillion and High Pitched Roofs.

WALLS

1. Ensure the wall cavity is dry before you begin installation
2. The product is designed to be friction fitted between framing, by squeezing it width ways into the wall cavity. Allow 5-35mm section width, over the stud/dwang (nog), to ensure a snug fit
3. Start by installing the standard sized cavities first and then move to the odd-sized spaces
4. Fit the section in the space between studs and dwangs (nogs), ensuring there are no gaps between the framing and the product. It should sit firmly in place. There should be no tucks, creases or folds
5. Continue the process until the wall cavities are fully insulated
6. At the end of the installation check and repair any visible gaps. Use any offcuts to fill small gaps

FLOORS

1. Begin by sitting the long edge of the section against the inside one of the joists
2. The product is designed to be friction fitted between the floor joists. Allow 5-35mm pad width, over the gap between the inside of the joists
3. Fit the section hard up to the floor boards and fold the remainder of the section hard against the other joist. To minimise cutting, the product can be folded down on one side of the joist or double folded. The fold can protrude below the bottom of the joist by up to 15mm
4. Fit the next section by butting both ends together without gaps. It should sit firmly in place. There should be no tucks or creases
5. Continue the process until the underfloor is fully insulated
6. At the end of the installation check and repair any visible gaps. Use any offcuts to fill small gaps



* Terms and conditions apply