



**Mammoth**<sup>™</sup>  
MODERN INSULATION

# ACOUSTIC BLANKET SAFETY AND INSTALLATION GUIDELINES

## GENERAL

Mammoth™ 100% polyester insulation is safe and easy to install. Mammoth™ Acoustic Blanket Insulation is designed to be installed in new or existing homes or buildings. It will create a quieter, 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

### RECOMMENDED TOOLS

- Tape measure and/or digital laser meter
- Sharp Knife with replaceable blades
- Staple gun
- Step ladder
- Multi LED headlamp
- Ventilated goggles, dust mask and protective clothing (for protection from dirt, dust, spiders and other safety risks)

### THINGS TO LOOK OUT FOR

When installing Mammoth™ Acoustic Insulation Blanket 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™ insulation should be fitted behind electrical wires and pipes, in walls, and under electrical wires in ceilings
- In walls, if you need to insulate around wires, mark the position of the wire and slit the insulation roughly to the middle of its thickness where the wire is going to fit behind the insulation. 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

#### Recessed Light Fittings

- Follow instructions from the light suppliers and leave clearances between lights and insulation if required.
- If these instructions are not available leave a minimum clearance between the light fitting and the insulation of 100mm.
- If clearances are required they must be made prior to installation of ceiling lining. IC and IC-F classes of downlights can be covered with insulation. CA-80 and CA-135 classes of downlights can have insulation abutted but must not be covered with insulation as this may cause the downlight to overheat.
- Non-IC class of downlights are prohibited from use in residential construction.

#### Other Hazards/Obstructions

Clearances between potential items in the ceiling or walls, and the insulation:

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

For other hazards such as chimneys, hidden wardrobes, ventilation and air conditioning systems please refer to NZS4246

## HOW TO INSTALL MAMMOTH™ ACOUSTIC BLANKET

### CEILINGS

In recessed ceilings, cover the entire available area

1. Fit lengths of the product and butt the joints together without gaps or undue compression
2. If you need to adjust the dimensions of the blanket:
  - Length - tear across with you hands
  - Width - use a sharp knife
3. At the end of the installation check and repair any visible gaps, tucks or folds. Use any offcuts to fill small gaps

### WALLS

1. Ensure the wall cavity is dry before you begin installation
2. Hold the Mammoth™ Acoustic Insulation against the top plate of the wall cavity and fix with no more than 3 evenly spaced staples. Do not staple through the entire thickness of the product as it will cause undue compression and reduce its performance
3. Tear the insulation about 5mm wider than the space available. This will ensure a good fit
4. Gently push the blanket into the wall cavity, ensuring there are no gaps around the edges
5. Continue the process until your wall cavities are fully insulated  
Note: Any single drop of insulation should be no more than 3 metres
6. At the end of the installation check and repair any visible gaps, tucks or folds. Use offcuts to fill small gaps