



WALL SECTIONS & BLANKET SAFETY AND INSTALLATION GUIDELINES

GENERAL

Mammoth 100% polyester insulation is safe and easy to install. Mammoth Wall Sections and Blanket is designed to be installed in the walls 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 Blanket and Sections, it is easy to install
- Mammoth Wall Sections and Blanket insulation is available in varying widths and lengths

RECOMMENDED TOOLS

- Tape measure and/or digital laser meter
- Sharp knife with replaceable blades
- 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 Wall Sections and Blankets 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 should be fitted behind electrical wires and pipes
- 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

IMPT: As staples are required with Wall Blanket we recommend that you follow the Power Off Policy in NZS4246

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

Other Hazards/Obstructions

Clearances between potential items in the wall and the insulation:

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

HOW TO INSTALL MAMMOTH WALL SECTIONS AND BLANKET

WALL SECTIONS

1. Ensure the wall cavity is dry before you begin installation
2. Make sure you have correct sized product to fit inside the framing of your walls. For a snug fit make sure your Wall Section is up to 5mm greater than the stud/dwang (nog) spacing. If necessary, cut the section to fit with a sharp knife
3. Start by installing the standard sized cavities first and then move to the odd-sized spaces
4. Gently push the wall section into the wall cavity, ensuring there are no gaps, creases or folds
5. Continue the process until your 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

WALL BLANKETS

1. Ensure the wall cavity is dry before you begin installation
2. Hold the Mammoth Wall Blanket against the top plate of the wall cavity and fix with no more than 4 staples. Do not staple through the entire thickness of the product as it will cause undue compression and reduce thermal performance
3. Tear the insulation about 5mm greater 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 longer than 3 metres
6. 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 Masonry Walls.

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



CEILING BLANKET SAFETY AND INSTALLATION GUIDELINES

GENERAL

Mammoth 100% polyester insulation is safe and easy to install. Mammoth Ceiling Blanket is designed to be installed in the ceiling 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 Blanket form, it is easy to install
- Mammoth Ceiling Blanket insulation is available in varying widths and lengths

RECOMMENDED TOOLS

- Tape measure and/or digital laser meter
- Sharp knife with replaceable blades
- Installing stick e.g. broom handle
- 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 Ceiling Blanket you may come across:

Electrical Wires

Here is what you need to do:

- Mark the position of the electrical wires and telephone lines
- Where possible fit Mammoth underneath electrical wires
- Take care not to damage electrical wires or phone lines - treat all wires as live

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.

Other Hazards/Obstructions

Clearances between potential items in the ceiling and the insulation:

- Extractor fans (un-ducted/exposed) - 200mm
- Metal flues - 50mm
- Roofing material - 25mm
- Roofing underlay - 25mm
- Brick/concrete chimneys - 50mm
- For other hazards such as chimneys, hidden warbrobes, ventilation and air conditioning systems please refer to NZS4246

HOW TO INSTALL MAMMOTH CEILING BLANKET

NEW BUILD

Mammoth Ceiling Blanket can be laid on the top of the ceiling joists or fitted from underneath, before the ceiling is installed. Refer to NZS4246 for full details.

EXISTING CEILINGS

If there is no existing insulation in your ceiling, you may choose to install Mammoth Ceiling Blanket between the joists. Refer to NZS4246 for full details.

Otherwise follow the installation instructions below:

1. In your roof cavity, level existing insulation and clear any from around downlights
2. Remove any damp insulation. If dampness is caused by leaks in a pipe or roof, ensure they are repaired before installation

3. Gently pull the blanket over the ceiling joists, at a 90 degree angle. Allow for the blanket to sag into the joist cavity
NOTE: Insulation must maintain its loft to deliver thermal resistance (R-value). It is important to prevent undue compression, folds or tucks.
4. The product should not be 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 length of the product and butt the joins together without gaps or undue compression
6. Cover the entire ceiling, including at least 50% of exterior top plate (except where obstructed by other framing members e.g. ceiling joists)
Note: Use your installing stick to push insulation into the hard to reach areas, making sure you don't damage the product.
7. If you need to adjust the dimensions of the blanket:
 - Length - tear across with your hands
 - Width - use a sharp knife
8. To prevent air circulation between the ceiling and insulation, block off ends of each bay between the joists/truss chords. Tear the insulation to fit into the spaces between the joists/truss chords
9. At the end of the installation check and repair any visible gaps, tucks or folds. 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

R-Value

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