



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 and existing homes and 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

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.

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** Terms and conditions apply*