

## Wall Sections & Blankets

Mammoth® 100% polyester insulation is safe and easy to install. Mammoth Wall Sections and Blankets are designed to be installed in the walls of new or existing homes and buildings. They will create a warmer, healthier home or work environment.

### Before you get started

- Mammoth is safe to install - it will not 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.
- Wide blade craft knife with a pack of replaceable blades (Tajima or similar) or a Bahco insulation saw.
- Step ladder.
- Multi LED headlamp.
- Ventilated goggles, dust mask and protective clothing (for protection from dirt, dust, and other safety risks).

### 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.
- Where possible fit Mammoth insulation behind electrical wires and pipes.
- If you need to cover the wire, mark the position of the wire and sit 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.
- NOTE - as staples are required with Wall Blanket we recommend you follow the "Power off" policy in NZS4246.

#### Recessed Wall Lights

- Follow instructions from the light suppliers and leave clearances between recessed lights and insulation if required.
- If these instructions are not available leave a minimum clearance between the light fitting and the insulation of 100mm.

#### Other Hazards

Clearances between potential items in the wall and the insulation:

- Extractor fans (unducted/exposed) - 200mm
- Metal flues and Brick/concrete chimneys - 50mm

### How to install Mammoth Wall Sections

- Ensure the wall cavity is dry before you begin installation.
- Make sure you have the 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.
- State by installing the standard sized cavities first and then move to the odd-sized spaces.
- Gently push the wall section into the wall cavity, 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.
- Continue the process until your wall cavities are fully insulated.
- At the end of the installation, check and repair any visible gaps. Use any offcuts to fill small gaps.

### How to install Mammoth Wall Blankets

- Ensure the wall cavity is dry before you begin installation.
- 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 blanket as it will cause undue compression and reduce thermal performance.
- Make sure you have the correct sized product to fit inside the framing of your walls. For a snug fit make sure you Wall Blanket is up to 5mm greater than the stud/dwang/nog spacing. If necessary tear the blanket to fit.
- State by installing the standard sized cavities first and then move to the odd-sized spaces.
- Gently push the wall blanket into the wall cavity, ensuring there are no gaps around the edges.
- Continue the process until your wall cavities are fully insulated. Note any single drop of insulation should be no longer than 3 metres.
- At the end of the installation, check and repair any visible gaps, tucks or folds. Use any offcuts to fill small gaps.

#### 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 insulation depends on the building materials, design and installation, and may be greater, equal or less than the stated R-value of the product.



Check out NZS4246 for install guidelines on Masonry Walls.



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