

Mammoth® 100% polyester insulation is safe and easy to install. Mammoth Batten/Masonry insulation products are designed to support thermal performance. 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

Safety Precautions

As staples are required with blanket products we recommend you follow the "Power off" policy in NZS4246.

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.

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 100mm clearance between the light fitting and the insulation.

Downlights

- Follow instructions from the downlight suppliers and leave clearances between downlights and insulation if required.
- If these instructions are not available leave a minimum clearance between the light fitting and the insulation of 200mm.
- 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.

If the manufacturer's specified clearances for downlights are known they shall be followed. If they are not known then the following clearances shall be made:

- Halogen lamps - 200mm
- Incandescent lamps - 50mm

Other Hazards

Clearances between potential items in the ceiling and wall:

- Extractor fans (unducted/exposed) - 200mm
- Metal flues and brick/concrete chimneys - 50mm
- Roofing materials and roofing underlay - 25mm
- For other hazards such as hidden wardrobes, ventilation and air conditioning systems 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 insulation depends on the building materials, design and installation, and may be greater, equal or less than the stated R-value of the product.

Current as at August 2022.

How to install Mammoth Batten/Masonry Blankets

- Ensure the wall/ceiling cavity is dry before you begin installation.
- Make sure you have the correct sized product to fit inside the framing. For a snug fit make sure your Batten/Masonry Blanket is 10mm greater than the framing. If necessary tear the blanket to fit.
- Start by installing the standard sized cavities first and then move to the odd-sized spaces.
- Gently push the blanket into the cavity, ensuring there are no gaps around the edges.
- Staple through the edge of the product into the batten to hold in place until linings are on.
- Continue the process until your wall/ceiling cavities are fully insulated. Note any single drop of insulation should be no longer than 3 metres when used in walls.
- At the end of the installation, check and repair any visible gaps, tucks or folds. Use any offcuts to fill small gaps.

How to install Mammoth Batten/Masonry Sections

- Ensure the wall/ceiling cavity is dry before you begin installation.
- Make sure you have the correct sized product to fit inside the framing. For a snug fit make sure your batten/masonry section is 10mm greater than the batten spacing. If necessary cut the section to fit with a sharp knife.
- Start by installing the standard sized cavities first and then move to the odd-sized spaces.
- Gently push the batten/masonry section into the 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/ceiling cavities are fully insulated.
- At the end of the installation, check and repair any visible gaps. Use any offcuts to fill small gaps.