Mammoth™
MODERN INSULATION

MPR INDUSTRIES
Moving Product The Right Way

HIGH PERFORMANCE INSULATION FOR EXISTING HOMES

CEILINGS

UNDERFLOOR

carbonZero
ISO 14064-1 • certified organisation

BRANZ Appraised
Appraisals 797 & 802

Declare.
Red List Free

NEW ZEALAND MADE

Mammoth MODERN INSULATION
50 YEAR WARRANTY

WHY MAMMOTH?

10 REASONS TO INSULATE WITH MAMMOTH

1. **Soft polyester, made using fibres from recycled plastic bottles**. It's the same material that is used in household duvets and pillows.
2. **Non-itch, non-toxic 100% polyester**. Unlike traditional fibreglass insulation, Mammoth insulation is free of glues, binders, formaldehyde and pesticides.
3. **Safe to handle and easy to install.** You don't need to wear gloves, goggles and coveralls to handle it.
4. **Heat bonded so it won't slump over time**.
5. **Moisture, mould and mildew resistant**.
6. **Friction-fitted segments** for easy high performance underfloor installations.
7. Manufactured by a **carboNZero certified** organisation and **Declare Red List free**.
8. **New Zealand-Made insulation**.
9. **Long lasting with a 50 year warranty**.
10. **Nationwide installer network**.

WHY INSULATE?

A well-insulated home is a warmer home that saves on energy use and improves the health of New Zealanders. Mammoth™ polyester insulation delivers three core benefits:

COMFORT

Insulation keeps the heat in so your home is warmer in winter and helps keep the heat out in summer so you keep cooler.

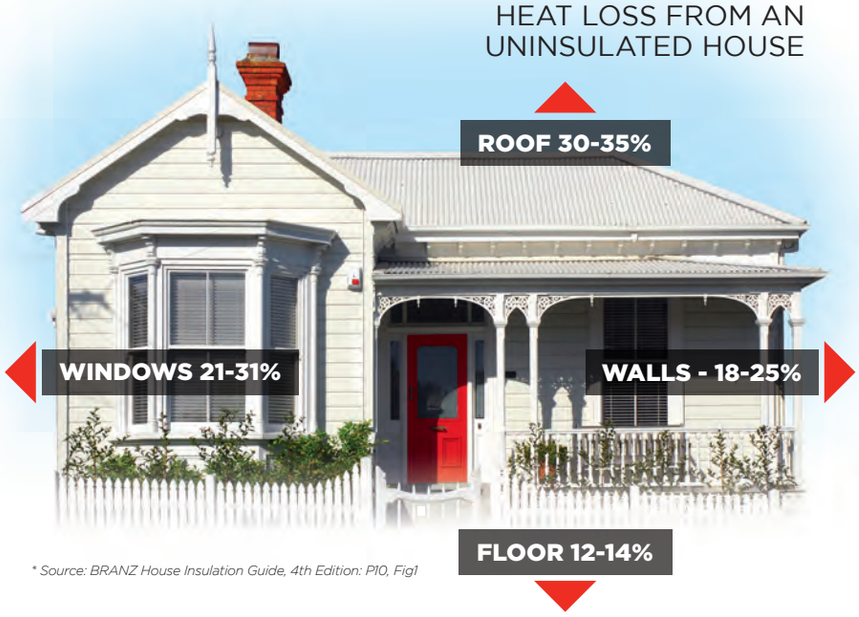
HEALTH

A study by the Wellington School of Medicine* confirmed that people who live in insulated homes are healthier**.

ENERGY EFFICIENCY

Most New Zealand homes need heating in winter and by limiting that heat loss you spend less money to be warm.

HEAT LOSS FROM AN UNINSULATED HOUSE



** Source: BRANZ House Insulation Guide, 4th Edition: P10, Fig1*

R-VALUES

The R-value is a measure of thermal resistance used in the building and construction industry. Different areas in your home (and regions in New Zealand) have different minimum R-values for effective insulation.

ZONE	COVERAGE	Minimum Building System R-Value CEILING	FLOOR	WALL
1	Northland, Auckland, Franklin and the Coromandel Peninsula	R2.9	R1.3	R1.9
2	North Island except Central Plateau	R2.9	R1.3	R1.9
3	North Island Central Plateau and all of the South Island	R3.3	R1.3	R2.0

*** Howden-Chapman, P. et al. "Effect of insulating existing houses on health in equality: Cluster randomised study in the community." British Medical Journal, 2007. P334:460*

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CEILING INSULATION

REDUCE HEAT LOSS
THROUGH YOUR CEILING

Mammoth has two options for insulating your ceiling depending on the type of roof you have.

We all know heat rises and it's estimated that 30-35% of heat loss from an uninsulated house is through the ceiling. So the roof cavity is the best place to start when adding insulation in your home. Like duvets and blankets, also made from polyester, Mammoth traps the warmth underneath the blanket to keep your home warmer.

Mammoth Ceiling Blanket is the easiest form of ceiling insulation and is effective as it covers the joists.

You can be rest assured that Mammoth insulation contains no chemicals or itchy fibres that can be drawn into your home through ventilation systems, manholes or lighting fixtures.

CEILING BLANKET

Is installed in your roof cavity (attic) and rolls out to cover your ceiling, including the joists, to avoid heat loss.

Retrofitting ceiling blanket requires sufficient height in your roof cavity.

SKILLION SECTIONS

Skillion Sections are sometimes used as a retrofit solution in:

a) existing homes with a very low pitch, or
b) skillion roofs when the roof or ceiling lining is being replaced.

They are high density, moisture -resistant ceiling sections.

SPECIFICATIONS

PRODUCT RANGE			PRODUCT R-VALUE	NOMINAL THICKNESS (mm)	DIMENSIONS	PIECES (per pack)	TOTAL AREA (m^2)
Ceiling Blanket	✓	✓	1.8	115	870mm x 11.495m	2	20
	✓	✓	2.9	185	870mm x 8.62m	2	15
	✓	✓	3.2	200	870mm x 8.62m	2	15
	✓	✓	3.6	225	870mm x 7.47m	2	13
	✓	✓	4.0	240	870mm x 5.75m	2	10
Skillion Sections	✓	✓	2.9	115	560mm x 1.2m	3	2.02
	✓	✓	2.9	115	860mm x 1.2m	5	5.16
	✓	✓	3.2	165	570mm x 1.2m	5	3.42
	✓	✓	3.2	165	870mm x 1.2m	4	4.18

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UNDERFLOOR INSULATION
REDUCES DRAUGHTS AND HEAT LOSS

Mammoth has two types of underfloor insulation to suit your home.

Heat loss through an uninsulated floor is estimated at 12-14%* and, if you have sufficient crawl space under your floor, adding insulation is relatively easy and cost effective way to create a warmer, healthier home.

Mammoth underfloor insulation products are easy to handle and install. Made from 100% polyester fibres, Mammoth insulation does not deteriorate, is moisture resistant and unlike polystyrene insulation won't affect electrical wiring.

Note: Consider also installing an on-ground moisture barrier while insulating the underfloor. It helps keep the moisture in the ground and stops the air under the floor from getting damp. It is a Healthy Home Standard for rentals to avoid rising damp.

UNDERFLOOR SECTIONS
Medium density self-supporting insulation sections that don't need staples or straps.

UNDERFLOOR BLANKET
A cost-effective option for suspended wooden floors for use by experienced insulation installers.

SPECIFICATIONS

PRODUCT RANGE		BRANZ Appraised	PRODUCT R-VALUE	NOMINAL THICKNESS (mm)	DIMENSIONS	PIECES (per pack)	TOTAL AREA (m^2)
Underfloor Blanket	✓		1.5	100	450mm x 11.11m	4	20
	✓	✓	1.5	100	510mm x 9.804m	4	20
	✓		1.5	100	600mm x 11.11m	3	20
	✓		1.8	115	450mm x 11.11m	4	20
	✓	✓	1.8	115	510mm x 9.804m	3	20
	✓		1.8	115	600mm x 11.11m	3	20
Underfloor Sections	✓	✓	1.9	90	370mm x 1.14m	16	6.75
	✓	✓	1.9	90	425mm x 1.14m	16	7.75
	✓	✓	1.9	90	475mm x 1.14m	14	7.58
	✓	✓	1.9	90	580mm x 1.14m	12	7.93

Correct as at July 2020.

* *BRANZ House Insulation.*

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Book your **FREE Home Assessment today**

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Mammoth MODERN INSULATION 50 YEAR WARRANTY