

Mammoth™
MODERN INSULATION

50
Year Warranty*



MULTI CEILINGS FLOORS WALLS

Mammoth™ Polyester Insulation is the modern answer to creating a warmer home in winter and a cooler home in summer.

PRODUCT FEATURES AND BENEFITS

Mammoth™ Multi can be installed in your ceiling, floors and walls.

IT'S SAFE TO INSTALL

- It won't irritate your skin when you touch it - in fact it is made from the same material that you find in many pillows and duvets.
- There is no need for staples, removing the danger of electrocution.

IT CREATES A HEALTHIER, COMFORTABLE HOME

- Mammoth™ Multi creates a drier home - reducing the chance of illness such as cold, flu and asthma.
- Reduces heat loss through walls and ceilings and reduces draughts coming up from under the floor.
- Assists in absorbing noise to create a quieter home.

IT'S EASY TO INSTALL

- Manufactured in sections, it is easy to install as it is friction fitted and squeezed to fit snugly between the joist, truss or stud.

IT WILL SAVE YOU MONEY



- Insulating your home will reduce your energy consumption and power bill. For example - up to 30% of heat from inside your home is lost through the ceiling, if you don't have effective insulation.

THE FEEL GOOD FACTOR

- Mammoth™ Multi is manufactured in New Zealand using fibres made from recycled plastic bottles - so we take waste and use it to create insulation.
- It is 100% recyclable - so you can feel good about doing your bit to protect the environment.



PRODUCT RANGE

MAMMOTH™ MULTI			PRODUCT R-VALUE
For Ceilings, Floors and Walls Polyester Insulation	✓	✓	1.9

PACK SIZES

NOMINAL THICKNESS (mm)	DIMENSIONS (mm)	PIECES PER PACK	TOTAL AREA (m ²)
90	370x800	8	2.37
90	370x1140	16	6.75
90	425x800	8	2.72
90	425x1140	16	7.75
90	475x800	7	2.66
90	475x1140	14	7.58
90	580x800	6	2.78
90	580x1140	12	7.93

* Terms and conditions apply

TECHNICAL DETAILS

Technical Attributes	Standard	Test Result
New Zealand Building Code		
✓ Durability	Clause B2.3.1 a) 15 years Clause B2.3.1 b) 50 years	According to BRANZ Appraisal No.797 [2012] and Appraisal No. 802 [2013]
✓ Internal Moisture	Clause E3.3.1	Mammoth™ Multi Products will meet or contribute to meeting these provisions ¹
✓ Hazardous Building Materials	Clause F2.3.1	
✓ Energy Efficiency	Clause H1.3.1(a) Clause H1.3.2 E	
Product Safety		
✓ Non Toxic	OSH Health and Safety Guidelines ²	Polyester products 'non-toxic' and 'non-irritant'
✓ Non Irritant	OSH Health and Safety Guidelines ²	
✓ Respiratory Safe	n/a	Polyester fibres are non-respirable
✓ Fire Test	AS 1530 Part 3:	
	Ignitability	0 (Scale 0:20)
	Spread of Flame	0 (Scale 0:10)
	Heat Evolved	0 (Scale 0:10)
	Smoke Developed	2 (Scale 0:10)
	AS/NZS 60695.2.11	Passed - Glow wire Flammability test
	AS/NZS 60695.11.5	Passed - Test flames (Needle-flame test)
✓ VOC Emission Safe ³	Total VOC ≤ 0.5mg/m ³ Formaldehyde ≤ 0.06mg/m ³	< 0.005mg/m ³ - level below detection ⁴ < 0.009mg/m ³ - level below detection
✓ Glue Free	n/a	Free from all glues
Other		
✓ Non Corrosive	AS/ NZS 4859.1	Materials composed entirely of polyester are regarded as non-corrosive and are exempt from testing. Polyester has alkalinity of PH7.8
✓ Vermin Resistant	n/a	Not a food source for vermin (and not treated)

1 Designed, used, installed and maintained in accordance with the statements and conditions of BRANZ Appraisal 797 (2012) and 802 (2013) available from www.mammoth.co.nz.
 2 Occupational Safety and Health Service. Health and Safety Guidelines for the Selection and Safe Handling of Synthetic Mineral Fibres. Department of Labour, 1994, p18.
 3 Mammoth™ Multi has been tested under ASTM D5116 to the limits set for insulation by CETEC PTY Ltd.
 4 All individual VOCs were less than their threshold limit values. Carcinogens and reproductive toxins were not identified as part of the VOCs.

SPECIFICATION AND INSTALLATION

For further Mammoth™ Multi specifications, please contact Mammoth™ on 0800 MAMMOTH

Mammoth™ Multi must be installed according to the manufacturer's guidelines and in accordance with NZ Standard 4246 (Energy Efficiency - Installing Insulation in Residential Buildings).

For step by step installation guidelines see mammoth.co.nz or call Mammoth™.

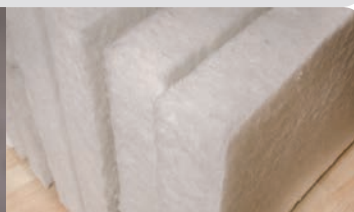


This is printed in New Zealand using environmentally friendly inks and paper made from recycled material

MAMMOTH™ - MODERN INSULATION

- Helps create a more comfortable and healthy living space.
- A more energy efficient space will protect the environment by consuming less fossil fuels for heating and cooling.
- Mammoth™ Multi products contain recycled polyester fibres. The recycled fibre used by Mammoth™ comes from recycled plastic bottles.
- Recycling plastic protects the environment by keeping the carbon content locked up in the polyester fibre and reducing landfill waste.
- Mammoth™ products are made in a near zero waste production process and are fully recyclable.

For more information go to mammoth.co.nz or contact a Mammoth™ representative



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