

Mammoth™
MODERN INSULATION

50
Year Warranty



Ceiling Insulation

APPLICATION

Mammoth™ Ceiling insulation is made in New Zealand from 100% thermally bonded polyester fibres. Mammoth™ Ceiling insulation comes in blanket and section forms. Ceiling blanket is designed to fit in the ceiling cavity, between or over the top of ceiling joists or rafters. Skillion Roof Sections are designed for ceilings where the ceiling lining is fitted to the bottom of the roof rafter. Skillion Roof Sections are semi rigid, making them perfectly suited to be friction fitted between the rafters resulting in the ultimate thermal performance.





PRODUCT FEATURES AND BENEFITS

- Mammoth™ insulation creates a healthier, more comfortable home or work environment, costing less to heat and cool.
- Mammoth™ Ceiling Insulation is BRANZ appraised and performance is guaranteed for 50 years*
- Mammoth™ Ceiling Insulation is safe and easy to work with. No precautions are required for handling the product. It will not cause irritation when touched, and it gives off no odours. Mammoth™ Ceiling Blanket is easy to tear to length.
- As an added benefit, Mammoth™ will reduce noise to create a quieter environment.
- Mammoth™ products are chemical free, with no added chemicals such as formaldehyde or insecticides.
- Mammoth™ products are not affected by moisture.
- Mammoth™ is manufactured in New Zealand.

PRODUCT RANGE

PACK SIZES

MAMMOTH™ CEILING			PRODUCT R-VALUE	NOMINAL THICKNESS (mm)	DIMENSIONS (mm)	PIECES PER PACK	TOTAL AREA (m ²)
Ceiling Blanket			✓ R1.8	115	870x11495	1	10.00
			✓ R1.8	115	870x11495	2	20.00
			✓ R2.9	185	870x8620	1	7.50
			✓ R2.9	185	870x8620	2	15.00
			✓ R3.2	200	870x8620	1	7.50
			✓ R3.2	200	870x8620	2	15.00
	✓	✓	✓ R3.6	225	870x7470	1	6.50
	✓	✓	✓ R3.6	225	870x7470	2	13.00
	✓	✓	✓ R4.0	240	870x5750	1	5.00
	✓	✓	✓ R4.0	240	870x5750	2	10.00
Skillion Roof Sections			✓ R2.9	115	560X1200	3	2.02
<i>airlay, friction fit insulation</i>			✓ R2.9	115	860X1200	5	5.16
			✓ R3.2	165	570X1200	5	3.42
			✓ R3.2	165	870X1200	4	4.18

* 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) Mammoth™ Ceiling Blanket will meet or contribute to meeting these provisions ¹
✓ Internal Moisture	Clause E3.3.1	
✓ 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	3 (Scale 0:10)
	AS/NZS60695.2.11	Passed - Glow wire flammability test
	AS/NZS60695.11.5	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/NZS4859.1	Alkalinity of pH 7.8
✓ 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) 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™ has been tested under ASTM D5116 by CETEC PTY Ltd. Based on test results for a product with similar nominal weight.

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™ Ceiling Blanket specifications, please contact Mammoth™ on 0800 MAMMOTH

Mammoth™ Ceiling 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™.

A SUSTAINABLE CHOICE

- All Mammoth™ products are Red List Free - Living Future Building Institute.
- Manufactured within a carboNZero certified organisation.
- Mammoth™ 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.
- R3.6 and R4.0 Ceiling Blanket is Environmental Choice certified.

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



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