



CEILING INSULATION BLANKET

APPLICATION

Mammoth™ Ceiling Blankets are designed to be installed in new or existing ceiling cavities and have a range of R-Values up to 4.0.












Made from 100% thermally bonded polyester fibres Mammoth Polyester insulation is Red List Free and in blanket format it rolls over joists to reduce thermal bridging. It is a long lasting material that won't sag or settle over time. Also available are Mammoth Skillion Ceiling Sections.

FEATURES & BENEFITS

- Soft, roll-form thermal insulation blanket for ceilings.
- Moisture resistant in the event of roof leaks. Will continue to perform once dried out.
- Will not sag or shrink over time.
- Also absorbs noise to create a quieter environment.
- Heat bonded - no glues or resins used in manufacture.
- Red List Free - no formaldehyde or pesticides added.
- Safe and easy to work with - can be torn to length or cut with shears.
- Non-irritant and non-toxic so no precautions are required for handling the product.
- Mammoth Ceiling Insulation Blanket is BRANZ appraised.
- Performance warranted for 50 years*.
- Manufactured in New Zealand by a carboNZero certified organisation.

*T&Cs apply

PRODUCT RANGE

PRODUCT RANGE			NRC	PRODUCT R-VALUE	NOMINAL THICKNESS (MM)	DIMENSIONS (MM)	PIECES PER PACK	TOTAL AREA (M2)
Mammoth™ Ceiling Blanket			na	1.8	115	870 x 11495	1	10.00
				2.9	185	870 x 8620	1	7.50
				3.2	200	870 x 8620	1	7.50
				3.6	225	870 x 7470	1	6.50
				4.0	240	870 x 5750	1	5.00

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	BRANZ Appraisal No 797 (2014) ¹
✓ Internal Moisture	Clause E3.3.1	BRANZ Appraisal No 797 (2014) ¹
✓ Hazardous Building Materials	Clause F2.3.1	BRANZ Appraisal No 797 (2014) ¹
✓ Energy Efficiency	Clause H1.3.1(a) Clause H1.3.2 E	BRANZ Appraisal No 797 (2014) ¹
Product Safety		
✓ Non Toxic	OSH Health and Safety Guidelines ²	Polyester products are 'non-toxic'
✓ Non Irritant	OSH Health and Safety Guidelines ²	Polyester products are 'non-irritant'
✓ 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)
✓ VOC Emission Safe ³	AS/NZS60695.2.11	Passed - Glow wire Flammability test
	AS/NZS60695.11.5	Passed - Test flames (Needle-flame test)
✓ Glue Free	Total VOC ≤ 0.5mg/m ³	< 0.005mg/m ³ - level below detection ⁴
	Formaldehyde ≤ 0.06mg/m ³	< 0.009mg/m ³ - level below detection
Other		
✓ Non Corrosive	AS/NZS4859.1	Materials composed entirely of polyester are regarded as non-corrosive and are exempt from testing. Alkalinity of pH 7.8
✓ Vermin Resistant		Not a food source for vermin (and not treated)

1 Meet or contribute to these provisions when designed, used, installed and maintained in accordance with BRANZ Appraisal 797 (2014)

2 Occupational Safety and Health Service. Health and Safety Guidelines for the Selection and Safe Handling of Synthetic Mineral Fibres. Dept. of Labour, 1994.

3 Mammoth™ has been tested under ASTM D5116. 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 & INSTALLATION

Installation

Mammoth™ Ceiling Insulation must be installed according to the manufacturer's guidelines and in accordance with NZ Standard 4246 (Energy Efficiency - Installing Insulation in Residential Buildings). Installation Instructions for Mammoth Ceiling Insulation Blanket can be found at www.mammoth.co.nz For further information please contact Mammoth on 0800 MAMMOTH

50 Year Warranty

Mammoth Insulation has a 50 year warranty. Our product warranty covers that - so long as the insulation is installed correctly and remains adequately protected Mammoth insulation will perform for 50 years. The warranty applies only to 100% polyester insulation products manufactured by InsulPro and not to other composite products manufactured by InsulPro. Terms & conditions apply. Read the full warranty at www.mammoth.co.nz

Appraised

Mammoth Ceiling Insulation Blanket has been tested by BRANZ and is covered by BRANZ Appraisal 797.

Available from



www.potters.co.nz
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