



CEILING INSULATION BLANKET

APPLICATION

Mammoth Modern Insulation™ Ceiling Blankets are designed to be installed in new or existing ceiling cavities and have a range of R-Values up to R5.0.



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.
- All Mammoth Ceiling Insulation Blankets are 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)	DIMENSION (MM)	PIECES PER PACK	TOTAL AREA (M2)
Ceiling Blanket	✓	✓		R 1.8	115	870 x 11495	2	20.00
	✓	✓		R 2.9	185	870 x 8620	2	15.00
	✓	✓		R 3.2	200	870 x 8620	2	15.00
	✓	✓		R 3.6	225	870 x 7470	2	13.00
	✓	✓		R 4.0	240	870 x 5750	2	10.00

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	Ref: BRANZ Appraisal No 797 (2014) ¹
✓ Internal Moisture	Clause E3.3.1	Ref: BRANZ Appraisal No 797 (2014) ¹
✓ Hazardous Building Materials	Clause F2.3.1	Ref: BRANZ Appraisal No 797 (2014) ¹
✓ Energy Efficiency	Clause H1.3.1(a) Clause H1.3.2 E	Ref: 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)
	AS/NZS60695.2.11	Passed - Glow wire Flammability test
	AS/NZS60695.11.5	Passed - Test flames (Needle-flame test)
		Can safely cover IC-rated downlights. If luminare rating is unknown, minimum clearance of 100mm to any insulation is required.
✓ 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		Free from all glues
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 NZS4246 (Energy Efficiency - Installing Insulation in Residential Buildings). Installation Instructions for Mammoth Ceiling Insulation can be found at www.mammoth.co.nz/downloads. 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 InZone Industries Ltd. Terms & conditions apply. Read the full warranty.

Appraised

Mammoth Ceiling Insulation Blanket has been appraised by BRANZ and is covered by BRANZ Appraisal 797 (2014).

™ Mammoth is a Trademark of InZone Industries Limited

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