



# WALL INSULATION BLANKET

## APPLICATION



Mammoth™ wall blankets are rolls of lofted 100% polyester insulation designed to be stapled to the top dwang to fit snugly between wall studs in residential and commercial building projects. They are ideally suited to long unimpeded wall cavities including steel framed walls.

See also Mammoth Wall Sections and Mammoth Masonry Wall Sections which are self-supporting for a superior fit.

## FEATURES & BENEFITS

- Soft, roll-form insulation blanket
- Secured by stapling within the wall cavity
- 100% polyester carded insulation
- Red List Free - no formaldehyde or pesticides added
- Heat bonded - no glues or resins used in manufacture
- Moisture resistant
- Safe and easy to work with
- Non-irritant and non-toxic - no precautions are required for handling the product
- Mammoth Wall Blanket is BRANZ appraised
- Performance warranted for 50 years (Ts&Cs apply)
- Manufactured in New Zealand by InZone Industries Ltd

## PRODUCT RANGE

PRODUCT RANGE			NRC	PRODUCT R-VALUE	NOMINAL THICKNESS (MM)	DIMENSION (MM)	PIECES PER PACK	TOTAL AREA (M2)
Wall Blanket	✓	✓		R 2.2	90	360 x 9870	2	7.11
	✓	✓		R 2.2	90	560 x 10800	1	6.05
	✓	✓		R 2.6	140	380 x 8550	4	13.00
	✓	✓		R 2.6	140	580 x 7470	3	13.00

# TECHNICAL DETAILS

Technical Attributes	Standard	Test Result
<b>New Zealand Building Code</b>		
✓ Durability	Clause B2.3.1 a) 15 years Clause B2.3.1 b) 50 years	Ref: BRANZ Appraisal No 797 (2014) <sup>1</sup>
✓ Internal Moisture	Clause E3.3.1	Ref: BRANZ Appraisal No 797 (2014) <sup>1</sup>
✓ Hazardous Building Materials	Clause F2.3.1	Ref: BRANZ Appraisal No 797 (2014) <sup>1</sup>
✓ Energy Efficiency	Clause H1.3.1(a) Clause H1.3.2 E	Ref: BRANZ Appraisal No 797 (2014) <sup>1</sup>
<b>Product Safety</b>		
✓ Non Toxic	OSH Health and Safety Guidelines <sup>2</sup>	Polyester products are 'non-toxic'
✓ Non Irritant	OSH Health and Safety Guidelines <sup>2</sup>	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)
✓ VOC Emission Safe <sup>3</sup>	Total VOC ≤ 0.5mg/m <sup>3</sup>	< 0.005mg/m <sup>3</sup> - level below detection <sup>4</sup>
	Formaldehyde ≤ 0.06mg/m <sup>3</sup>	< 0.009mg/m <sup>3</sup> - level below detection
✓ Glue Free		Free from all glues
<b>Other</b>		
✓ 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 Wall 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 Wall Insulation Blanket can be found at [www.mammoth.co.nz/downloads](http://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 and not to other composite products manufactured by InZone. Terms & conditions apply. Read the full warranty at [www.mammoth.co.nz](http://www.mammoth.co.nz)

### Appraisal

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

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