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Red List Free





Underfloor Insulation Blanket

Mammoth underfloor blanket is made from 100% polyester and is a great option for reducing heat loss through suspended timber floors.

Mammoth® underfloor blanket is recommended only for experienced installers or builders as the insulation is stapled into place between floor joists near electrical wiring. Mammoth polyester insulation is moisture resistant and so is the preferred option for suspended floors.

Also available are high-performance [Mammoth underfloor sections](#) which have a higher R-value and are self-supporting for easy install.

PRODUCT RANGE			PACK SIZES					
			Density (kg/m ³)	R-Value	Nominal thickness (mm)	Dimensions	Pieces per pack	Area per pack (m ²)
Underfloor Blanket	✓	✓	7.5	R 1.5	100	450mm x 11.11m	4	20
	✓	✓	7.5	R 1.5	100	510mm x 9.804m	4	20
	✓	✓	7.5	R 1.5	100	600mm x 11.11m	3	20
	✓	✓	7.5	R 1.5	100	650mm x 10.256m	3	20
	✓	✓	7.83	R 1.8	115	450mm x 11.11m	4	20
	✓	✓	7.83	R 1.8	115	510mm x 9.804m	3	20
	✓	✓	7.83	R 1.8	115	600mm x 11.11m	3	20
	✓	✓	7.83	R 1.8	115	650mm x 10.256m	3	20

KEY FEATURES

- Soft roll-form blanket insulation.
- 100% polyester fibres.
- Can be torn with bare hands across the width of the blanket.
- Moisture resistant for use underfloor.
- Won't affect electrical wiring like polystyrene options can.
- Heat bonded - no glues or resins used in manufacture.
- No formaldehyde or pesticides added.
- Easy to handle - non-irritant and non-toxic.
- Performance warranted for 50 years (Ts&Cs apply).
- Manufactured in New Zealand by InZone Industries Ltd.

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 802 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 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	ISO9705	Group1S
✓ VOC Emission Safe ³	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
✓ 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 Mammoth Underfloor blanket has the same technical attributes as other Mammoth Ceiling blanket covered by BRANZ Appraisal No 802.

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.

INSTALLATION & WARRANTY

Installation

Mammoth Underfloor Insulation Blanket is recommended for installation by an experienced installer and must be installed according to the manufacturer's guidelines and in accordance with NZS 4246 (Energy Efficiency - Installing Insulation in Residential Buildings). Installation Instructions for Mammoth Underfloor Insulation Blanket can be found at www.mammoth.co.nz/downloads Contact us on 0800 MAMMOTH for more details.

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 Industries Ltd. Read the full warranty at www.mammoth.co.nz/downloads for terms and conditions.

BRANZ Appraised

Mammoth Underfloor Insulation Blanket has been tested by, and is covered by BRANZ Appraisal 802.



Correct as at 01 June 2022