



ACOUSTIC WALL BLANKET

APPLICATION

Mammoth™ NOVAhush acoustic insulation is designed to help reduce sound transmission at all frequencies and performs as an acoustic infill material by providing sound absorption within the cavity. NOVAhush acoustic wall insulation is available in two forms: blankets and wall sections. Wall blanket insulation is best suited for long unimpeded wall cavities and can be stapled to the top dwang and fitted between studs to fill the cavity.

FEATURES & BENEFITS

- 100% polyester carded insulation in a soft, roll-form to absorb noise
- NOVAhush acoustic products reduce sound transmission at all frequencies
- Secured by stapling within the wall cavity
- Red List Free - no formaldehyde or pesticides added
- Moisture resistant
- Non-irritant and non-toxic - no precautions are required for handling the product
- Manufactured in New Zealand by InZone Industries Ltd

PRODUCT RANGE

PRODUCT RANGE			kg/m ³	GSM	NOMINAL THICKNESS (MM)	DIMENSIONS	PIECES PER PACK	TOTAL AREA (M ²)
NOVAhush 580 (NRC .70)			9.67	580	60	600mm x 2.5m	2	30
NOVAhush 735*			14.7	735	50	600mm x 11.11m	3	20
NOVAhush 750			12.5	750	60	600mm x 11.11m	3	20
NOVAhush 900			10	900	90	580mm x 11.495m	2	13.33
NOVAhush 900			10	900	90	600mm x 11.11m	3	20
NOVAhush 1000			11.11	1000	90	600mm x 11.11m	3	20
NOVAhush 1150*			15.33	1150	75	600mm x 11.11m	3	20
SoundBlanket (R1.8 estimated R value)			12.22	1100	90	600mm x 11.11m	3	20

Mammoth NOVAhush is available in different densities depending on the acoustic application and performance required. * Minimum Order Quantities apply.

BUILDING SYSTEM PERFORMANCE (with 13mm plasterboard lining both sides)

Product	Studs	Transmission Performance (STC Class/Rw)
NOVAhush 580 gsm	64mm steel	41 (Rw 41)
NOVAhush 750 gsm	64mm steel	43 (Rw 42)
NOVAhush 900 gsm	92mm steel	48 (Rw 47)

Product

NOVAhush 1100 gsm

Studs

64mm steel

**Transmission Performance (STC
Class/Rw)**

TBC

TECHNICAL DETAILS

Technical Attributes	Standard	Test Result
Sound Absorption		
✓ Noise Reduction Coefficients (NRC)	ASTM C423	
Product Safety		
New Zealand Building Code		
✓ Durability	Clause B2.3.1 a) 15 years Clause B2.3.1 b) 50 years	Ref: BRANZ Appraisal No. 797
✓ Internal Moisture	Clause E3.3.1	Ref: BRANZ Appraisal No. 797
✓ Hazardous Building Materials	Clause F2.3.1	Ref: BRANZ Appraisal No. 797
✓ Non Toxic	OSH Health and Safety Guidelines ¹	Polyester products are 'non-toxic'
✓ Non Irritant	OSH Health and Safety Guidelines ¹	Polyester products are 'non-irritant'
✓ Respiratory Safe	n/a	Polyester fibres are non-respirable
✓ Fire Test	ISO 9705	Group 1S
	AS/NZS60695.2.11	Passed - Glow wire Flammability test
	AS/NZS60695.11.5	Passed - Test flames (Needle-flame test)
✓ VOC Emission Safe ²	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.
✓ Moisture resistant ³		Absorption rate of less than 0.2% by weight
✓ Vermin Resistant		Not a food source for vermin (and not treated)
✓ Odourless		Mammoth is odourless and will not absorb odours

¹ Occupational Health and Safety Service. Health and Safety Guidelines for the Selection and Safe Handling of Synthetic Mineral Fibres. Department of Labour, 1994.

² All individual VOCs were less than their threshold limit values. Carcinogens and reproductive toxins were not identified as part of the VOCs. Based on test results for a product with similar nominal weight.

³ If the products should become wet the full thermal performance will be restored once the product is dried completely

SPECIFICATION & INSTALLATION

Installation

Mammoth Acoustic Wall Blanket must be installed according to the manufacturer's guidelines. Installation Instructions for Mammoth Acoustic Blanket 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 and not to other composite products manufactured by InZone Industries Ltd. Terms & conditions apply. Read the full warranty at www.mammoth.co.nz

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