

NOVAhush

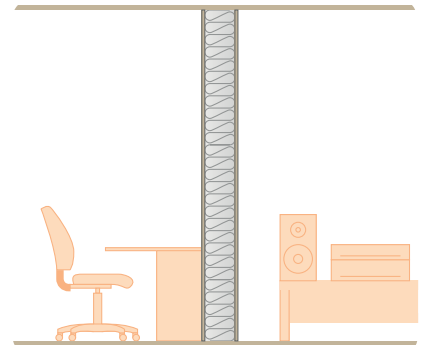
50
Year Warranty



Acoustic Insulation

APPLICATION

Mammoth™ Acoustic polyester insulation is made in New Zealand from 100% thermally bonded polyester fibres. Acoustic blanket and sections are designed to help reduce sound transmission at all frequencies and performs as an acoustic infill material by providing sound absorption within the cavity.



PRODUCT FEATURES AND BENEFITS

- Mammoth™ acoustic products help to create comfortable internal environments by improving sound insulation between spaces. Using Mammoth will reduce sound transmission at all frequencies.
- As well as reducing sound transmission between rooms, Mammoth acoustic products also provide thermal insulation.
- Mammoth™ NOVAhush is safe and easy to work with. No precautions are required for handling the product. It will not cause irritation when touched, and is odourless.
- Mammoth™ products are not affected by moisture.
- Mammoth™ polyester products are backed by a 50 year manufacturers warranty.*
- Mammoth™ products are manufactured in New Zealand.



PRODUCT RANGE

BALE PACK SIZES

MAMMOTH™ NOVAhush ACOUSTIC INSULATION	PRODUCT WEIGHT (grams/m ²)	NOMINAL THICKNESS (mm)	DIMENSIONS (mm)	PIECES PER PACK	TOTAL AREA (m ²)
Acoustic Section <i>airlay, friction fit insulation</i>	1000	80	560x760	7	2.98
NOVAhush 580	580	60	600x25000	2	30.00
NOVAhush 750	750	60	600x11110	3	20.00
NOVAhush 900	900	90	600x11110	3	20.00
NOVAhush 1000	1000	90	600x11110	3	20.00
NOVAhush 1150	1150	75	600x11110	3	20.00
NOVAhush Sound blanket 1100	1100	90	580x11490	3	20.00
NOVAhush Acoustic pads 1100	1100	90	580x1160	17	11.40

Mammoth™ NOVAhush is available in different densities depending on the acoustic application and performance required. Contact Mammoth or your authorised distributor to discuss your requirements.

BUILDING SYSTEM PERFORMANCE

PRODUCT	STUDS	LINING	TRANSMISSION PERFORMANCE (STC Class/Rw)
NOVAhush 580	64mm steel		41 (Rw 41)
NOVAhush 750	64mm steel	13mm plasterboard both sides	43 (Rw 42)
NOVAhush 900	92mm steel		48 (Rw 47)
NOVAhush Sound Blanket	64mm steel		TBC

Higher STC results can be achieved with different choice of studs and specialist acoustic lining.

*Terms and Conditions Apply

TECHNICAL DETAILS

Technical Attributes	Standard	Test Result
Sound Absorption		
Noise Reduction Coefficients (NRC)	ASTM C423	
	- 580g/m ²	0.70
	- 750g/m ²	0.85
	- 1,000g/m ²	0.90
New Zealand Building Code		
✓ Durability	Clause B2.3.1 a) 15years Clause B2.3.1 b) 50years	Mammoth™ acoustic blanket has the same technical attributes as Mammoth™ Ceiling blanket
✓ Internal Moisture	Clause E3.3.1	
✓ Hazardous Building Materials	Clause F2.3.1	
Product Safety		
✓ Non Toxic	OSH Health and Safety Guidelines ¹	Polyester products 'non-toxic' and 'non-irritant'
✓ 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
	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. Polyester has alkalinity of pH7.8
✓ Moisture Resistant ³		Absorption rate of less than 0.2% by weight
✓ Vermin Resistant	n/a	Not a food source for vermin (and not treated)
✓ Odourless	n/a	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, p18.

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 AND INSTALLATION

For Mammoth™ specification advice contact an InsulPro representative

Mammoth™ must be installed according to the manufacturer's guidelines, which are printed on the back of each bale label. These guidelines are also available at mammoth.co.nz or call

a Mammoth representative on 0800 MAMMOTH (626 668)

A SUSTAINABLE CHOICE

- All Mammoth products are Red List Free - International Living Future Institute.
- Manufactured within a carboNZero certified organisation.
- Mammoth™ products contain recycled polyester fibres. The recycled fibre used by Mammoth™ comes from recycled plastic bottles.
- Recycling plastic protects the environment by keeping the carbon content locked up in the polyester fibre and reducing landfill waste.
- Mammoth™ products are made in a near zero waste production process and are fully recyclable.

For more information go to mammoth.co.nz or contact a Mammoth™ representative



Mammoth™
MODERN INSULATION

27 Birmingham Road,
East Tamaki, Manukau 2013
PO Box 204 289
Highbrook, Auckland 2061
T: +64 9 438 8958
F: +64 9 438 8957
E: info@mammoth.co.nz

