



ACOUSTIC BAFFLESTACK

APPLICATION



Mammoth NOVAhush Bafflestack helps to create comfortable internal environments by improving sound insulation between spaces. Using Mammoth NOVAhush will reduce sound intensity at all frequencies.

Mammoth NOVAhush Bafflestack reduces the need for any constructed cavity walls within a building.

FEATURES & BENEFITS

- Using NOVAhush Bafflestack will reduce sound intensity at all frequencies.
- NOVAhush Baffles reduce the need for any constructed cavity walls within a building.
- NOVAhush Bafflestack blanket is laid over existing services in the ceiling cavity.
- Can be used in a single or double stack (see install instructions).
- Contains recycled polyester fibres made from plastic bottles.
- Mammoth is safe and easy to work with.
- No precautions are required for handling the product.
- It will not cause irritation when torn to length or cut with shears.
- Manufactured in New Zealand by a carboNZero certified organisation.

PRODUCT RANGE

PRODUCT RANGE	 License number: 250396 Thermal Insulation (2016) Building Products	 BRANZ Appraised Approval No: 719 (2016)	NRC	PRODUCT R-VALUE	NOMINAL THICKNESS (MM)	DIMENSIONS (MM)	PIECES PER PACK	TOTAL AREA (M2)
NOVAhush Bafflestack 1000gsm/m ²					100	600 x 11110	3	20.00

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	Mammoth Bafflestack Blanket has been developed to meet the New Zealand Code requirements ¹
✓ Internal Moisture	Clause E3.3.1	
✓ Hazardous Building Materials	Clause F2.3.1	
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	ISO 9705	Group 1S
✓ 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
✓ Moisture Resistant	ASTM C1104	0.3% by weight
✓ Vermin Resistant	n/a	Not a food source for vermin (and not treated)
✓ Odourless	n/a	NOVAhush is odourless and will not absorb odours

1 Mammoth Bafflestack has the same technical attributes as other Mammoth Ceiling Blanket covered by BRANZ Appraisal No 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™ Acoustic Bafflestack must be installed according to the manufacturer's guidelines. Installation Instructions for Mammoth Bafflestack can be found at www.mammoth.co.nz 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 InsulPro and not to other composite products manufactured by InsulPro. Terms & conditions apply. Read the full warranty at www.mammoth.co.nz