



Acoustic Bafflestack

Mammoth Bafflestack helps to create comfortable internal environments by improving sound insulation between spaces.

Mammoth® Bafflestack insulation is a roll form product made from 100% thermally bonded polyester fibres, designed to be stacked and compressed within the plenum space above partition walls, to the roof or floor above. This reduces sound intensity and transference between rooms, without the need for the construction of walls within the plenum space.

PRODUCT RANGE					PACK SIZES			
	Colour	Density (kg/m ³)	GSM	Nominal thickness (mm)	Width	Length	Pieces per pack	Area per pack (m ²)
Bafflestack	White	10.00	1000	100	600mm	11.11m	3	20

KEY FEATURES

- Using Mammoth Bafflestack (previously known as NOVAhush) will reduce sound intensity at all frequencies.
- Mammoth Baffles reduce the need for any constructed cavity walls within a building.
- Mammoth Bafflestack blanket is laid over existing services in the ceiling cavity.
- Can be used in a single or double stack (see install instructions).
- Can be torn with bare hands across the width of the blanket.
- 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 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	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
✓ 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	Mammoth 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.

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 Acoustic Bafflestack must be installed according to the manufacturer's guidelines. Installation Instructions for Mammoth Bafflestack 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 for terms and conditions.



Correct as at 01 June 2022