

HVAC acoustic absorber to reduce noise and improve energy efficiency

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## Level of assurance needed to demonstrate NZ Building Code Compliance

*Supporting documentation should include self-assessment and technical information by manufacturer*



Mammoth confirms that this minimum level of assurance has been met or exceeded by the following:

Mammoth  
[Acoustic Duct Liner](#)

## Technical Statement

### Scope of use

<https://www.mammoth.co.nz/products/mammoth-duct-liner>

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(a), B2.3.1(b)
- **Clause E3 Internal moisture:** Performance E3.3.1
- **Clause F2 Hazardous building materials:** Performance F2.3.1

### Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

Mammoth  
[Acoustic Duct Liner](#)

## Product Criteria

### Design requirements

Mammoth Duct Liner is designed to absorb noise and thermally insulate HVAC ducts.

The liner ensures the reduction of sound transfer along the duct and that air of the desired temperature is delivered at the outlets.

Mammoth Duct Liner comes in a plain white sheet or a white sheet with a black face.

Mammoth Duct Liner is a semi rigid board made in New Zealand from 100% thermally bonded polyester fibres. The polyester conjugate fibre used is crimped giving excellent durability.

### Installation requirements

<https://www.mammoth.co.nz/pdf/?product=mammoth-duct-liner>

### Maintenance requirements

Mammoth requires no maintenance. Once installed it will fit to the space and will retain its thermal resistance for 50 years (with correct installation).

### Warrantees

<http://www.mammoth.co.nz/documents/Mammoth-Warranty.pdf>

## Company Product Information

### Environmental

Effective insulation helps to limit the amount of energy used to heat homes and other buildings. InZone Industries Ltd's commitment to sustainability starts with high quality insulation products. For over a decade InZone has been improving product technology and installation techniques to make sure the Mammoth product range delivers excellent results.

The Mammoth range is made from 100% polyester fibre. Polyester is made from a substance called PET, which is what plastic bottles are made from. PET can easily be recycled. InZone supports polyester recycling in two ways; using recycled fibre from plastic bottles as part of the Mammoth product range and recycling production off-cuts back into the process. Plastic packaging for the products is also recyclable. Our commitment to our sustainability journey continues - InZone Industries

## masterspec partner

### Company Contact Details



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# Mammoth Acoustic Duct Liner

Product Technical Statement: 112278



Ltd is a carboNZero certified organisation and all Mammoth products are Red List Free (Declare programme).

Mammoth insulation helps create a warmer, more healthy living space - enabling a more energy efficient space. This protects our environment by reducing our fossil fuel consumption.

## Relationships



New Zealand Made



Member of New Zealand Green Building Council



Date last validated: **17 May 2022**



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