

High density, polyester acoustic insulation that is surface mounted on walls or ceilings.

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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 Panel Absorber](#)



Technical Statement

Scope of use

Mammoth Acoustic Panel Absorber has been designed for use as an acoustic interior lining product to reduce noise reverberation within a space. It can be applied in factories, workshops, cafes, restaurants, gyms, halls, offices, sports centres, cultural centres and public spaces.

NB: Panel Absorber is designed for acoustic application and not recommended for visual application as the surface may show creases, wrinkles or slight colour variations due to the manufacturing process.

After independent testing to ISO 9705 standard, Mammoth Panel Absorber has achieved the supreme 1S group number - making it one of the easiest interior lining solutions to use in a building.

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 Panel Absorber](#)

Product Criteria

Design requirements

High-Density polyester acoustic insulation, **Mammoth** Acoustic Panels are typically used as a finished product or behind perforated panels to reduce noise reverberation between spaces. Mammoth Product Range: <https://www.mammoth.co.nz/products/mammoth-panel-absorber>

Installation requirements

Mammoth Acoustic Panel Absorbers are a semi-rigid board in black, white or grey polyester - available as a plain product or a thermally bonded dense black, polyester facing. Mammoth Panel Absorbers can remain exposed or can be applied behind perforated panels in varying applications - from factories, workshops, cinemas, gymnasiums, halls, offices, home theatres, shops and various public places. It is generally used as a surface mounted treatment on walls and ceilings.

NB: Panel Absorber is designed for acoustic application and not recommended for visual application as the surface may show creases, wrinkles or slight colour variations due to the manufacturing process.

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).

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.

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Company Contact Details



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Mammoth Acoustic Panel Absorber

Product Technical Statement: 102463



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 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



Member of New Zealand Green Building Council



New Zealand Made



carboNZero certified



Date last validated: **17 May 2022**



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