

Panels used on the underside of concrete slabs, separating carparking & residences above.

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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:

InZone Industries Ltd

[Mammoth Carpark Panel Datasheet](#)



Technical Statement

Scope of use

Mammoth Carpark panels are designed to provide thermal insulation and to be installed on the underside of concrete soffits/ slabs, separating carparking below and residential properties above.

Product Range:

R1.7 - NRC: 0.85, 70mm thick

R2.5* - 100mm thick

*MOQs apply

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)

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Thermal Performance: ASTM C518 (R1.7)

Acoustic performance: ISO 354

Supporting Evidence

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

InZone Industries Ltd

[Mammoth Carpark Panel Datasheet](#)

masterspec partner

Company Contact Details



Brand: Mammoth

Company: InZone Industries Limited

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Product Criteria

Design requirements

Mammoth Carpark panel insulation is thermally bonded, 100% polyester fibres, designed for thermal insulation. The panels are designed to improve thermal performance and for use on the underside of concrete soffits/slabs, separating carparking below and residential property above.

The manufacturing process of Mammoth Carpark panels enable them to contour around the uneven textures, which are common place in concrete form work. This helps the insulation achieve a seamless fit that supports higher thermal performance across the system by preventing air movement between the insulation panels and the substrate.

Product Range:

R1.7 - 70mm thick, NRC: 0.85

R2.5* - 100mm thick

* MOQs apply

Installation requirements

<http://www.mammoth.co.nz/documents/Mammoth-Carpark-Panel-Installation-Guidelines.pdf>

Maintenance requirements

Mammoth Carpark Panels require no maintenance.

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



carboNZero certified



Date last validated: **17 May 2022**



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