

Polyester insulation underfloor blankets and self supporting sections.

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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:

BRANZ Appraisal

[802](#)

carboNZero certified

## Technical Statement

### Product Description

**Mammoth Underfloor** thermal insulation is made in New Zealand from 100% lofted, thermally bonded polyester fibres.

Underfloor Sections - easy to install as they are friction fitted between the floor joists and are able to be squeezed to fit tightly under the floor to maximise thermal performance and remove the risk of electrocution.

Underfloor Blankets - recommended only for experienced installers or builders as the insulation is stapled into place between floor joists near electrical wiring.

### Scope of use

Mammoth underfloor medium density polyester insulation is designed to be friction fitted between the floor joists of homes or commercial buildings to maximise thermal performance. It is squeezed to fit tightly under the floor boards and between the joists and does not require staples or strapping - removing the danger of electrocution.

Underfloor Blankets - recommended only for experienced installers or builders as the insulation is stapled into place between floor joists near electrical wiring.

Mammoth underfloor insulation:

- reduces draughts coming up from under the floor
- assists in creating a warmer, drier home
- helps reduce heating costs in winter
- is made using fibres from recycled plastic bottles
- is manufactured to last - has a 50 year warranty\*
- is safe and easy to work with - it requires no protective clothing
- is moisture resistant - should it get wet, it will dry & retain thermal performance
- is non toxic and non-irritant - formaldehyde free with no added chemicals
- is manufactured in New Zealand by InZone Industries Ltd, a carboNZero certified organisation

\*subject to correct installation and adequate protection.

### 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
- **Clause H1 Energy efficiency :** Performance H1.3.1(a), H1.3.2E

### Supporting Evidence

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



BRANZ Appraisal

[802](#)

carboNZero certified



**masterspec partner**

#### Company Contact Details



Brand: Mammoth  
Company: InZone Industries Limited  
Physical Address: 27 Birmingham Road  
East Tamaki  
AUCKLAND  
Postal Address: PO Box 204 289  
Highbrook  
AUCKLAND  
Telephone: 64 09 2732308  
Fax: 64 09 2732309  
Email: [info@mammoth.co.nz](mailto:info@mammoth.co.nz)  
Website: <https://www.mammoth.co.nz>

## Product Criteria

### Design requirements

Mammoth underfloor sections are available as

# Mammoth Underfloor Insulation

Product Technical Statement: 103482



R1.9 90mm thickness

R2.8 140mm thickness

R1.9 can be double layered to meet the Building Code

## Installation requirements

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

## Maintenance requirements

Mammoth required 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' 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 Ltd 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



Member of New Zealand Green Building Council



New Zealand Made



Environmental Choice New Zealand



carboNZero



Declare Red List Free

### Videos

[How to install Mammoth Multi](#)



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