

100% polyester thermal insulation in ceiling blanket and skillion 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

[797](#)



## Technical Statement

### Scope of use

Mammoth Ceiling blanket is designed to be used in ceilings to provide thermal insulation. Mammoth Skillion sections are designed for use in buildings where the roof and ceiling space run in close parallel with a limited ceiling cavity. Mammoth ceiling insulation:

- is made using fibres from recycled plastic bottles
- creates a healthier, drier, more energy efficient environment
- is safe and easy to work with - requiring no precautions for handling.
- will assist in absorbing noise to create a quieter environment
- Skillion airway sections are manufactured on the only airway plant in Australasia - designed to maximise thermal performance
- have no added chemicals - formaldehyde and pesticides free
- is moisture resistant
- is made in New Zealand
- is manufactured by InZone Industries Ltd - a carboNZero certified organisation
- is Red List Free - Declare programme
- come with a 50 year Warranty\*

\*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

[797](#)

## Product Criteria

### Design requirements

Mammoth Ceiling blanket is thermal insulation, designed for use in ceiling cavities, laid over the joists.

Product Range: R1.8, R2.9, R3.2, R3.3, R3.6 and R4.0

Mammoth ceiling blanket can be double layered to meet the Building Code.

Mammoth Skillion sections are friction fitted, thermal insulation designed for use in confined ceiling cavities.

Product Range: R2.9, R3.2 and R3.6.

### Installation requirements

When installing Mammoth, be sure to:

- Keep the product dry at all times.
- Avoid compression of the product as it will adversely affect performance.
- Ensure a snug fit is achieved.

**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>

**Installation in Ceilings:** Simply lay the product over joists & ensure a snug fit between joins. Ensure a minimum clear space of 25mm is maintained between insulation and either the roof underlay or the roof to prevent condensation wicking at the point of contact. Blocking off: Along the perimeter of the ceiling open air pockets between the joists/truss chords, ends shall be blocked off with Mammoth blanket.

**Installation for Skillion sections:** Make sure you have 140mm space between roof rafters. Fit the section into the ceiling bay, between the rafters, ensuring the section is 5mm greater than the width so it achieves a snug, friction fit. Fit subsequent sections by butting all joins together without gaps or undue pressure. Cut any sections to req using a specialised insulation saw such as Bahco.

## 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 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



Environmental Choice New Zealand



carboNZero certified



Declare Red List Free



Environmental Choice



NZ Green Building Council Membership



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