

MAMMOTH CARPARK PANEL INSULATION

BPIR DECLARATION

Version 1.0 November 2023



DESIGNATED BUILDING PRODUCT: Class 1

DECLARATION

InZone Industries Ltd t/a Mammoth® Modern Insulation (Mammoth) has provided this declaration to satisfy the provisions of [Building \(Building Product Information Requirements\) Regulations 2022](#).

COMPANY DETAILS

Name	InZone Industries Ltd t/a Mammoth® Modern Insulation
Role	Manufacturer
NZBN	9429032370263
Address	27 Birmingham Rd, Otara, Auckland 2013
Website	www.mammoth.co.nz
Email	info@mammoth.co.nz
Phone	0800 626 668

DESCRIPTION OF BUILDING PRODUCT

Mammoth manufactures and supplies polyester insulation for use in carparks to improve the thermal performance of concrete carpark ceilings where there are occupied properties above.

The Mammoth Carpark Insulation Panels are semi-rigid and are fixed to the concrete substrate with insulation anchors or a contact adhesive, supplied by others.

The panels are manufactured using the airlay process using thermally bonded polyester fibres which are extracted from recycled plastic bottles, a minimum of 9000 bottles/100 m² insulation.

Polyester insulation is resistant to moisture. Whilst performance may reduce when wet, once the product has dried out, the performance levels are regained.

Mammoth Carpark Insulation Panels achieve a material group number 1S when tested by [BRANZ](#) to ISO 9705.

For a complete list of products and characteristics refer to [Mammoth](#).

MAMMOTH® MODERN INSULATION

27 BIRMINGHAM RD, OTARA, AUCKLAND 2013

0800 626 668 | www.mammoth.co.nz

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SUSTAINABILITY

Mammoth applies sustainable business practices to their business and manufacturing operations. Eco Choice Aotearoa certified. Licence no. 2510069. 60% of raw material made from fibre manufactured from recycled PET bottles.

Toitu CarboNZero accreditation. Certificate Number: 2020161J.

Declare Red List Free. Mammoth insulation products are free of Declare's Red List of ingredients.

Zero waste manufacturer – TakeBack Scheme for clean offcuts, all products associated with manufacture and product have an Ozone Depleting Potential of zero.

Green Building Council membership since 2014.

CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Mammoth holds BRANZ appraisals for the ceiling, wall and underfloor insulation.

The R-value claimed by Mammoth for the Carpark Insulation Panels has been derived using the same methodology as that relied upon by BRANZ including a test to NZS 4859.1 carried out by BRANZ.

When installed, Mammoth Carpark Insulation Panels comply with or contribute to compliance with the following building code obligations.

Code Clause	Limitations
Clause B2 (Durability): B2.3.1 (a)	
Clause C3 (Fire Affecting Areas Beyond the Source): C3.4 (a)	
Clause E3 (Internal Moisture): E3.3.1	
Clause F2 (Hazardous Building Materials): F2.3.1	
Clause H1 (Energy Efficiency): H1.3.1 (a) and H1.3.2 E	

FOR FURTHER INFORMATION

Mammoth carpark insulation panels must be specified, installed, and maintained in accordance with all information supplied by Mammoth.

For supporting information refer to www.mammoth.co.nz/downloads.

RESPONSIBLE PERSON

In accordance with Regulation 8, as the responsible person I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm Mammoth Carpark Insulation Panels, as referred to in this statement, are not subject to a warning or ban under s26 of the Building Act.

Signed for and on behalf of InZone Industries Ltd t/a Mammoth® Modern Insulation:

Justin Grimshaw

Justin Grimshaw

NATIONAL SALES MANAGER

November 2023

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