



PRODUCT DATA SHEET

BLANKET | Commercial & Industrial PINK® BATTS® BUILDING INSULATION BLANKET (BIB)

Application

Pink® Batts® Building Insulation Blanket (BIB), is a lightweight flexible glass wool insulation product designed to:

- Thermally insulate commercial and industrial buildings
- Fit into standard framework, or be easily cut to fit into non standard framework
- Meet the requirements of the New Zealand Building Code (NZBC) for different designs and environments

Features and Benefits

- Absorbs sound – reduces rain noise for a quieter internal environment
- Easy to install – Lightweight, flexible and simple design makes the installation fast and easy
- Non-combustible – will not easily burn in the event of a fire
- Made from over 80% recycled glass – making sustainable use of waste
- Designed for New Zealand building conditions

Environment

Pink® Batts® insulation is a sustainable and energy efficient product.

- Manufactured using over 80% recycled glass, making sustainable use of waste
- Manufactured in New Zealand and Australia reducing shipping distances
- Recyclable packaging

Green Star NZ Credits

Green Star is a comprehensive environmental rating system for buildings; materials with certain attributes can receive points that contribute to the overall score of a rated home.

New Zealand Green Building Council (NZGBC) does not test or certify products; they rely on the work done by third party certification bodies and eco labels like Environmental Choice. Further information is available at nzgbc.org.

While only BRANZ appraised products are eligible for Environmental Choice, all Pink® Batts® insulation products are manufactured in the same environmentally considerate way.

Health & Safety

Product Safety

Pink® Batts® insulation is a non-hazardous, safe product.

- IARC (International Agency for Research on Cancer) classifies glass wool formulation used to manufacture Pink® Batts® products as Group 3: 'Not classifiable as to its carcinogenicity to humans'. This is the same classification as caffeine, tea, hair colouring, chlorinated drinking water, saccharin
- Pink® Batts® insulation is bio-soluble. In the unlikely event any fibres are inhaled into the lungs they will dissolve in the body fluids and be cleared from the body



Indoor Air Quality

- Pink® Batts® insulation is certified under the GREENGUARD Certification Program. Being certified for indoor air quality gives an assurance that products meet strict chemical emissions limits (including minimal levels of VOCs and Formaldehyde), to help create healthier indoor environments



General Health

- Pink® Batts® insulation will assist in meeting the World Health Organisation recommendation for houses to be maintained at a minimum temperature of 18°C to provide a healthy and comfortable home
- A Wellington School of Medicine study found insulated houses resulted in families with fewer sick days and the economic benefit was double the initial cost of the insulation¹

¹ Howden-Chapman, P. et al. "Effect of insulating existing houses on health inequality: cluster randomised study in the community" British Medical Journal, 2007, p334:460

Technical Data

Properties	Result		Test/Method/Standard	Test Results
Combustibility	Non-Combustible	✓	AS / NZS 1530.1:1994	Group Number 1S
Early Fire Hazard		✓	AS / NZS 1530.3:1993 - Ignitability (Range 0-20) - Spread of Flame Index (Range 0-10) - Heat Evolved Index (Range 0-10) - Smoke Developed Index (Range 0-10)	= 0 = 0 = 0 = 0-1
R-value	Various*	✓	AS/NZS 4859.1:2002	
Corrosion	Non-Corrosive	N/A	AS/NZS 4859.1:2002-Glass wool exempt	
Moisture Absorption	Non-Hygroscopic	N/A	AS/NZS 4859.1:2002-Glass wool exempt	
Vermin Resistance	No Food Source	✓	AS/NZS 4859.1:2002-Glass wool exempt	

* Refer to product specifications

Acoustic Properties

Pink® Batts® insulation will assist with noise control, particularly rain drum under long run roofing, however any penetrations in roofing or walls will transmit sound readily. Superior noise control can be achieved by using Pink® Batts® insulation products in conjunction with good acoustic design.

New Zealand Building Code (NZBC) and Limitations

Pink® Batts® insulation when used, installed and maintained in accordance with the requirements outlined in this datasheet, will meet or contribute to meeting the following provisions of the NZBC:

NZBC Clause B2: Durability

Meets the requirement NZBC B2.3.1 a) 50 years and NZBC B2.3.1 b) 15 years

NZBC Clause E3: Internal Moisture

Contributes to meeting these requirements

NZBC Clause F2: Hazardous Building Materials

Meets this requirement and will not present a health hazard to people

NZBC Clause H1: Energy Efficiency

Contributes to meeting this requirement

Limitations

To meet the provisions of the NZBC as outlined in this datasheet,

Pink® Batts® building insulation blanket must be:

- Installed and maintained in a dry protected environment
- Installed in a building where the provisions of NZBC E2 and E3 are met

Pink® Batts® building insulation blanket should not be:

- Crushed, folded or compressed
- Used where the maximum operating temperature is above 150°C (Faced product may be lower)

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Product Specifications

ROOF - Building Insulation Blanket	PRODUCT CODE	SIZE (mm)	NOMINAL STABILISED THICKNESS (mm)	NOMINAL TOTAL AREA PER BALE (m ²)	APPROX. COVERAGE PER BALE* (m ²)
R1.2 Pink® Batts® BIB R1.2 Blanket [^]	7250001	1.2m x 12m	50	28.8	N/A
R1.8 Pink® Batts® BIB R1.8 Blanket [†]	7270001	1.2m x 8m	75	19.2	N/A
R2.2 Pink® Batts® BIB R2.2 Blanket [^]	7210009	1.2m x 8m	100	19.2	N/A
R2.4 Pink® Batts® BIB R2.4 Blanket [^]	7210052	1.2m x 8m	100	19.2	N/A
R2.6 Pink® Batts® BIB R2.6 Blanket [^]	7200076	1.2m x 6m	110	14.4	N/A
R3.2 Pink® Batts® BIB R3.2 Blanket [^]	7200450	1.2m x 8m	135	9.6	N/A

* Coverage relates to standard structures (ie with framing allowance) therefore actual coverage may vary.

[†] Product does not have Lifetime Warranty.

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Accreditations/Appraisals/Certifications



DISTRIBUTED BY

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