



PRODUCT DATA SHEET

Floor | PINK® BATTS® SNUGFLOOR® INSULATION

Application

Pink® Batts® SnugFloor® is a range of glass wool underfloor insulation products and accessories designed to:

- Reduce heat loss in new and existing homes with suspended floors
- Eliminate draughts through exposed floorboards
- Assist in meeting the requirements of the New Zealand Building Code (NZBC) for different designs and environments

Features and Benefits

- High R-values – R-values up to R2.6 can provide over twice the minimum required by the New Zealand Building Code (NZBC)¹
- Easy to install – lightweight, flexible and simple design makes the installation fast and easy especially when joists are uneven or out of kilter
- Internationally certified for Indoor Air Quality – gives assurance that products meet strict chemical emissions limits
- Non-combustible – will not easily burn in the event of a fire
- Made from over 80% recycled glass making sustainable use of waste
- Made in New Zealand - designed for New Zealand building conditions and reduces emissions associated with the importing of overseas manufactured product
- BRANZ appraised – gives independent assurance of the durability required by NZBC

¹ Dependent on subfloor design and use of Pink® Batts® SnugFloor® R2.6

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Environment

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

- Manufactured using over 80% recycled glass, making sustainable use of waste
- Energy used during the manufacture of Pink® Batts® products is offset by the energy saved by a home fully insulated with Pink® Batts® products within 3-15 months²
- Manufactured in Auckland, minimising shipping distances compared to imported products

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.nz.

Environmental Choice

Pink® Batts® SnugFloor® products have Environmental Choice New Zealand Accreditation (refer to the product specifications)



Licence No 2504017.
Thermal Building Insulants

Independently assessed for:

- **Waste Minimisation:** Recycled content and recycling of process waste
- **Energy Management:** Effective energy management policies and procedures
- **Manufacturing Process:** Not manufactured using blowing agents with a Global Warming Potential (GWP) or Ozone Depleting Potential (ODP)
- **Product Characteristics:** Durability and performance

² [Beca Carter Hollings & Ferner Ltd, Energy Economics of Fibreglass Insulation, 2005]

Health and 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 insulation³

³ 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 Hazards		✓	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	R1.6 and R2.6	✓	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	

Acoustic Properties

Pink® Batts® insulation will assist with noise control, however penetrations in floors 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® SnugFloor® 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® SnugFloor® MUST be:

- Installed and maintained in a dry protected environment
- Installed in a building where the provisions of NZBC E2 and E3 are met
- Installed to the requirements of NZS 4246:2016: Energy Efficiency-Installing bulk thermal Insulation in Residential Buildings

Pink® Batts® SnugFloor® insulation should NOT be crushed unless otherwise stated

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Specification Notes

State the following:

Product required: Pink® Batts® SnugFloor® insulation and required R-value

Product Specifications

	BRANZ APPRAISED	ENVIRONMENTAL CHOICE	GREENGUARD CERTIFICATION	PRODUCT CODE	SIZE (mm)	NOMINAL STABILISED THICKNESS* (mm)	NOMINAL TOTAL AREA PER PACK (m ²)	APPROX COVERAGE PER PACK** (m ²)
Pink® Batts® SnugFloor® R1.6 Narrow	✓	✓	✓	7134816	1220x480	70	9.4	8.8
Pink® Batts® SnugFloor® R2.6 Narrow	✓	✓	✓	7131451	1220x480	110	8.8	8.2
Pink® Batts® SnugFloor® R1.6 Wide	✓	✓	✓	7135816	1220x580	70	11.3	11.3
Pink® Batts® SnugFloor® R2.6 Wide	✓	✓	✓	7131601	1220x580	110	10.6	10.6

* Stated thicknesses are values at which stated R-values are achieved and are likely to be minimum values
 ** Insulation coverage relates to maximum allowable joist spacing for each product, actual coverage may vary.

Accreditations/Appraisals/Certifications



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Always.