



PRODUCT DATA SHEET

Wall

PINK® BATTS® WALL INSULATION

Application

Pink® Batts® wall insulation is a lightweight flexible glass wool insulation product designed to:

- Thermally insulate timber and steel framed walls
- Fit easily into standard wall constructions, or be easily cut to fit in non-standard constructions
- Meet the requirements of the New Zealand Building Code (NZBC) for different designs and environments

Features and Benefits

- High R-values – R-values up to R4.0 to assist in keeping homes above 18°C as per the World Health Organization’s recommendation for a healthy and comfortable home
- Easy to install – lightweight, flexible and simple design makes the installation fast and easy
- 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

Always.

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 months¹
- 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

Higher R-value Pink® Batts® Wall insulation 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

While only the higher R-value products are eligible for Environmental Choice, all Pink® Batts® thermal insulation products are manufactured in the same environmentally considerate way.

¹ [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 Organization 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 insulation²

² 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	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	

*Stated thicknesses are values at which stated R-values are achieved and are likely to be minimum levels. See table on page 5.

New Zealand Building Code (NZBC) and Limitations

Pink® Batts® wall 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® wall insulation **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® wall insulation should **NOT** be crushed or folded

Acoustic Properties

Pink® Batts® insulation will assist with noise control, however penetrations in walls will transmit sound readily. Superior noise control can be achieved by using Pink® Batts® insulation products in conjunction with good acoustic design.

Specification Notes

State the following:

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

Product Specifications

	LIFETIME WARRANTY*	BRANZ APPRAISED	ENVIRONMENTAL CHOICE	GREENGUARD CERTIFICATION	CODE	SIZE (mm)	NOMINAL STABILISED THICKNESS (mm)	NOMINAL TOTAL AREA PER PACK (m ²)	APPROX COVERAGE PER PACK* (m ²)
Pink® Batts® R1.8 Wall	✓	✓		✓	7127118	1140 X 560	90	16.6	19.6
Pink® Batts® R2.2 Wall	✓	✓		✓	7127122	1140 X 560	90	13.4	15.8
Pink® Batts® R2.4 Wall	✓	✓		✓	7127124	1140 X 560	90	10.2	12.1
Pink® Batts® Ultra® R2.6 Wall	✓	✓	✓	✓	7127126	1140 X 560	90	9.6	11.3
Pink® Batts® Ultra® R2.8 Wall	✓	✓	✓	✓	7127128	1140 X 560	90	6.4	7.5
Pink® Batts® R1.0 Masonry Wall	✓	✓		✓	7160110	1220 x 580	40	21.2	-
Pink® Batts® R1.2 Masonry Wall				✓	7160134	1220 x 580	50	17.0	-
Pink® Batts® Ultra® R3.2 140mm Wall	✓	✓	✓	✓	7127132	1140 X 560	140	9.6	11.3
Pink® Batts® Ultra® R3.2 140mm Narrow Wall	✓	✓	✓	✓	7160241	1140 X 380	140	7.3	8.6
Pink® Batts® Ultra® R4.0 140mm Wall	✓	✓	✓	✓	7127140	1140 X 560	140	5.1	6.0
Pink® Batts® Ultra® R4.0 140mm Narrow Wall	✓	✓	✓	✓	7160242	1140 X 380	140	4.3	5.0
Pink® Batts® R2.2 Narrow Wall	✓	✓		✓	7120123	1140 X 380	90	9.5	11.2
Pink® Batts® Ultra® R2.6 Narrow Wall	✓	✓	✓	✓	7160207	1140 X 380	90	7.8	9.2
Pink® Batts® Steel R2.2 Wall	✓	✓		✓	7160214	1220 X 610	90	15.6	15.6
Pink® Batts® Ultra® Steel R2.6 Wall	✓	✓	✓	✓	7160215	1220 X 610	90	9.7	9.7

Accreditations/Appraisals/Certifications



For full details of the Pink® Batts® Lifetime Warranty visit pinkbatts.co.nz
* Coverage relates to standard structure and actual coverage may vary.



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Always.