



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

## 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 months<sup>1</sup>
- 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](http://nzgbc.org.nz).

### Environmental Choice

All Pink® Batts® Wall insulation products have Environmental Choice New Zealand Accreditation (refer to the Product Specifications)



Building Insulants  
Licence No. 2504017

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

<sup>1</sup> (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 insulation<sup>2</sup>

<sup>2</sup> 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.

## Product Specifications

WALL - Thermal Insulation	PRODUCT CODE	SIZE (mm)	NOMINAL STABILISED THICKNESS (mm)	NOMINAL TOTAL AREA PER BALE (m²)	APPROX. COVERAGE PER BALE* (m²)	ENVIRONMENTAL CHOICE
<b>Masonry</b>						
<b>R1.0</b> Pink® Batts® Masonry R1.0	7160110	1220 x 580	40	21.2	-	✓
<b>R1.2</b> Pink® Batts® Masonry R1.2	7160134	1220 x 580	50	17.0	-	✓
<b>70mm Wall Range</b>						
<b>R2.2</b> Pink® Batts® Classic R2.2 70mm Wall	7160248	1140 x 560	70	6.4	7.5	✓
<b>90mm Wall Range</b>						
<b>R1.8</b> Pink® Batts® Classic R1.8 Wall	7127118	1140 x 560	90	16.6	19.6	✓
<b>R2.2</b> Pink® Batts® Classic R2.2 Wall	7127122	1140 x 560	90	13.4	15.8	✓
<b>R2.2</b> Pink® Batts® Steel R2.2 Wall	7160214	1220 x 610	90	15.6	15.6	✓
<b>R2.2</b> Pink® Batts® R2.2 Narrow Wall	7160243	1140 x 360	90	9.0	11.2	✓
<b>R2.4</b> Pink® Batts® Classic R2.4 Wall	7127124	1140 x 560	90	10.2	12.1	✓
<b>R2.6</b> Pink® Batts® Ultra® R2.6 Wall	7127126	1140 x 560	90	9.6	11.3	✓
<b>R2.6</b> Pink® Batts® Ultra® Steel R2.6 Wall	7160215	1220 x 610	90	9.7	9.7	✓
<b>R2.6</b> Pink® Batts® Ultra® R2.6 Narrow Wall	7160244	1140 x 360	90	7.4	9.2	✓
<b>R2.8</b> Pink® Batts® Ultra® R2.8 Wall	7127128	1140 x 560	90	6.4	7.5	✓
<b>R2.8</b> Pink® Batts® Ultra® R2.8 Narrow Wall	7160247	1140 x 360	90	4.5	5.6	✓
<b>140mm Wall Range</b>						
<b>R3.2</b> Pink® Batts® Ultra® R3.2 140mm Wall	7127132	1140 x 560	140	9.6	11.3	✓
<b>R3.2</b> Pink® Batts® Ultra® R3.2 140mm Narrow Wall	7160245	1140 x 360	140	7.0	8.6	✓
<b>R3.6</b> Pink® Batts® Ultra® R3.6 140mm Wall	7127136	1140 x 560	140	7.0	8.3	✓
<b>R4.0</b> Pink® Batts® Ultra® R4.0 140mm Wall	7127140	1140 x 560	140	5.1	6.0	✓
<b>R4.0</b> Pink® Batts® Ultra® R4.0 140mm Narrow Wall	7160246	1140 x 360	140	4.1	5.0	✓
<b>R4.3</b> Pink® Batts® Ultra® R4.3 140mm Narrow Wall	7127143	1140 x 560	140	3.2	3.8	✓
<b>ROOF and WALL - Thermal Insulation</b>						
<b>R2.4</b> Pink® Batts® HandyPack R2.4 <sup>^</sup>	7200158	7000 x 580	90	4.06	-	

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

# For full details of the Pink® Batts® Lifetime Warranty visit [pinkbatts.co.nz/lifetime-warranty](http://pinkbatts.co.nz/lifetime-warranty).

<sup>^</sup> Product does not have the Pink® Batts® Lifetime Warranty or BRANZ Appraised Accreditation.

## Accreditations/Appraisals/Certifications



### DISTRIBUTED BY

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## Always.