

## Pink® Batts: Ceiling

### Non-combustible thermal glasswool insulation batts for residential ceiling applications

#### Description

Pink® Ceiling Batts are made from lightweight, flexible and resilient glasswool for thermal and acoustic insulation of residential ceilings. Pink® Ceiling Batts are available in various sizes to fit standard timber and steel ceiling joist spacings.

#### Application

Pink® Ceiling Batts are used in ceiling applications when constructing new homes or retrofitting existing buildings for increased thermal efficiency. The Pink® Batts insulation range is available in various thermal R-values and dimensions ensuring there is an effective and efficient product solution for every application.

Pink® Batts, renowned for their firmness, are low itch, easy to cut and friction fit standard wall studs to make homes feel cooler in summer, warmer in winter and provide energy savings all year round.

#### Product Limitations

- Not to be used/exposed to weather in any condition including prior, during and after installation
- Check the plasterboard ceiling manufacturers guide for any weight limitations on ceilings
- This product cannot be used as a water or vapour barrier
- Modifications not permissible, as suitability and/or compliance may be compromised
- Product needs to be allowed to fully recover before use (cannot be used crushed)
- Not suitable for applications where high humidity is present within building (wet climates for a long period).
- Confirm any weight limitations of ceiling framing/lining prior to installation to ensure additional weight of insulation does not compromise the system.

#### Features and benefits

<b>Firm to fit</b>	→	Friction fit to stay in place without slumping, for continual thermal performance.
<b>Recover to their natural thickness quickly</b>	→	You can be assured the batts will meet their required thermal performance.
<b>AS/NZ 4859.1: 2018 compliant</b>	→	Peace of mind that Pink Batts meet the BCA requirements.
<b>Made from recycled glass</b>	→	Supporting sustainability and environmentally conscious manufacturing.

#### Physical characteristics

Material R-value m <sup>2</sup> K/W	Nominal Thickness mm	Width mm	Length mm	Batts per pack	Area per pack m <sup>2</sup>	Coverage per pack m <sup>2</sup>	Bag weight kg	Packs per pallet	Product code
R4.1	195	430	1160	15	7.48	8.41	13.86	5	4020920
		580	1160	15	10.09	11.35	18.69	5	4020919
		580	1160	13	8.74	9.83	15.65	5	4021173

### Physical properties

Property	Test method/standard	Result	Unit
Maximum service temperature	ASTM C411/C447	340	°C
Thermal resistance R-value	AS/NZS 4859.1	Complies	m <sup>2</sup> .K/W
Moisture absorption	When exposed to environmental conditions of 50°C and 95% relative humidity for four days	< 0.2%	% by volume
Fungi resistance of insulation materials	ASTM C1338-14	Pass (no growth)	-

### Fire hazard properties

Pink Batts exhibits the following characteristics when tested in accordance with the following standards:

Property	Test method/standard	Result
Combustibility	AS1530.1	Non-combustible
Early Fire Hazard Indices	AS/NZS 1530.3	0
Ignitability Index		0
Spread of Flame Index		0
Heat Evolved Index		0
Smoke Developed Index		1
BAL Compliance	AS3959	Low-FZ

### Compliance

#### NCC2019

When correctly specified and installed, the product complies or assists to comply with below NCC clauses and relevant standards:

- Complies with AS/NZS 4859.1 as referenced in NCC 2019, Volume 1 Clause J1.2(a) and NCC 2019, Volume 2 Clause 3.12.1.1
- Thickness and density specifications cover the requirements of the Acceptable forms of Construction for sound insulation according to NCC 2019 Volume 1, Specification F5.2 and NCC 2019 Volume 2, 3.8.6.1
- Classified as Non-Combustible according to AS/NZS 1530.1, therefore complies with the requirements of NCC Volume 1 C1.9(a) and, wherever a non-combustible insulation material is required according to NCC 2019 Volume 2
- When tested to AS/NZS 1530.3 this product does not exceed the 'Spread of Flame' or 'Smoke Developed' indices as required by NCC 2019 Volume 1, clause C1.10 (ix) and Specification C1.10 Clause 7 for insulation materials.
- Complies with the requirements of AS3959 Bushfire Attack Level Low-FZ in walls, floors and ceilings.
- Complies with all state variations to the NCC 2019.

#### NCC2022

When correctly specified and installed, the product complies or assists to comply with below NCC clauses and relevant standards:

- Complies with AS/NZS 4859.1 as referenced in NCC 2022 Volume 1 J4D3(1) and ABCB Housing Provisions section 3.12.2(1).
- Classified as non-combustible according to AS/NZS 1530.1, therefore complies with the requirements of NCC clause C2D10 (1).
- When tested to AS/NZS 1530.3 this product does not exceed the 'Spread of Flame' or 'Smoke Developed' indices as required by NCC clause C2D11 (1)(i) and Specification S7C7 for insulation materials other than sarking material.

### Health and Safety

Pink Batts® glasswool products are manufactured from FBS-1 Glasswool Bio-Soluble Insulation®. Refer to SUIIS for more information.

### Environmental properties

Pink Batts® manufacture avoids the use of Ozone Depleting Potential (ODP) substances in the manufacture or composition of its FBS-1 Glasswool Bio-Soluble Insulation®.

The use of these Pink Batts® products guarantees the use of Zero ODP insulation while also ensuring that no harmful levels of Volatile Organic Compounds (VOCs) are released. This allows the incorporation of environmentally preferable insulation whilst also maintaining indoor air quality.

### Maintenance and conditions of use

- Product should be kept dry and not be exposed to weather in any condition including prior, during and after installation.
- Product needs to be correctly installed in the right stud width and depth.
- It should be installed without compression to keep its claimed R-value.
- If used with any other products except Sisalation, confirmation of suitability must be reviewed.
- When product is installed as per the product installation guidelines, no further maintenance is required for this product.

### Technical Specification

When specifying, state the following:

The insulation material shall be Fletcher Insulation Pink Batts® Ceiling R \_\_\_\_\_ 0.4 m<sup>2</sup>K/W (Material R-value)  
\_\_\_\_\_ (thickness) \_\_\_\_\_ (width) \_\_\_\_\_ (length) mm.

- Product must be FBS-1 Bio soluble.
- Product must recover after packaging to the requirements of AS4859.1.
- Follow installation guidelines available from [www.insulation.com.au](http://www.insulation.com.au) for correct installation method.

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