

## Pink® Batts: Floor

### Non-combustible thermal glasswool insulation for residential flooring applications

#### Description

Pink® Floor Batts are made from lightweight, flexible and resilient glasswool for thermal and acoustic insulation of residential floors.

#### Application

Pink® Floor Batts are used in under floor and intra-floor applications when it comes to constructing new homes or retrofitting existing buildings for increased thermal efficiency.

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

#### Product limitations of use

- 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).
- Product is only suitable in BAL (AS3959) constructions for elevated enclosed sub floor applications; not suitable where a mineral wool is required.

#### Features and benefits

Firm to fit	→	Friction fit to stay in place without slumping, for continual thermal performance.
Recover to their natural thickness quickly	→	You can be assured the batts will meet their required thermal performance.
Australian made using up to 80% recycled content	→	Made for Australian conditions.
With water resistant additive	→	Resists moisture absorption and does not support mould growth.
Codemark certified	→	Assurance that product meets requirements of National Construction Code (NCC).

#### Physical characteristics

Floor	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>	Packs per bale	Old product code	New product code
	R2.5HD	90	430	1160	12	5.98	6.8	5	900263	4006073

### Physical properties

Property	Test method/standard	Result	Unit
Maximum service temperature	EN14706:2012	340	°C
Thermal conductivity	AS/NZS 4859.1:2018	Complies	W/m.K
Moisture absorption	When exposed to environmental conditions of 50°C and 95% relative humidity for four days	< 0.2%	% by volume
Anti-fungal	Resistance to fungal growth	PASS	

### Fire hazard properties

Pink® Floor Batts exhibit the following characteristics when tested in accordance with the following standards:

Property	Test method/standard	Result
Combustibility	AS/NZS 1530.1	Non-combustible
Early Fire Hazard Indices		
Ignitability Index		0
Spread of Flame Index	AS/NZS 1530.3	0
Heat Evolved Index		0
Smoke Developed Index		0-1
BAL Compliance	AS3959	Low - FZ (Enclosed sub floor only)

### 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.

### Acoustic performance

Pink® Floor Batts achieve the following Flow Resistivities when tested in accordance with ASTM C522-03.

Property	Thickness mm	90	
	R-value	2.5	
	Test method/standard	Test results	Unit
Airflow resistance of acoustic materials	ASTM C522-03	7930	Rayls/m

### Environmental properties

Fletcher Insulation 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 Fletcher Insulation products provides 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.

### Health and safety

Fletcher Insulation glasswool products are manufactured from FBS-1 Glasswool Bio-Soluble Insulation®.

### Maintenance and conditions of use

- Product should be kept dry, not to 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.
- Product should be installed without compression to keep its claimed R.
- If used with any other products except Sisalation, confirmation of suitability must be reviewed.
- Where insulation can be inspected, ensure any tears in the facing are repaired with appropriate tape as highlighted in the product's installation guidelines.
- When product is installed as per the product installation guidelines, no further maintenance is required for this product.

### Technical specification

When specifying, please state the following:

The insulation material shall be Fletcher Insulation Pink® Batts Floor R2.5 m2K/W \_\_\_\_\_ (thickness) x \_\_\_\_\_ (width) x \_\_\_\_\_ (length) mm.

Product must be FBS-1 Bio-soluble. Product must recover after packaging removal, 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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