

## Perimeter Batt

### Non combustible thermal Glasswool insulation for residential ceiling applications

#### Description

Perimeter Batts are made from lightweight, flexible and resilient glasswool for thermal and acoustic insulation of the perimeter of residential ceilings.

#### Application

Perimeter Batts, using PINK® Batts manufacturing technology, is the trusted choice when it comes to constructing new homes or retrofitting existing homes, for increased thermal efficiency. Perimeter batts are designed at 450mm width and R3.1 thermal resistance to exceed the requirements of the requirements of NCC Volume 2 13.2.3(6) whilst its thickness is minimal to allow for clear space to not impede condensation management provisions in most scenarios. Perimeter batts are meant to used in conjunction with Pink Ceiling batts.

#### 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.
- Not suitable for applications where high humidity is present within building (wet climates for a long period).
- This product cannot be used as a water or vapour barrier.
- Modifications not permissible, as suitability and/or compliance may be compromised.
- Product must be allowed to fully recover before use (cannot be used crushed).
- 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>Australian made using up to 80% recycled content</b>	→	Made for Australian conditions.
<b>Codemark certified</b>	→	Assurance that product meets requirements of National Construction Code (NCC).

#### Product data

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	Product code
R3.1	110	450	1200	6	3.24	3.64	5	4020593
R3.1	110	450	1160	6	3.13	3.52	5	4020594

### Physical properties

Property	Test method/standard	Result	Unit
Maximum service temperature	ASTM C411/C447	340	°C
Thermal resistance	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 Perimeter Batts exhibit 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

#### 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).
- Complies with NCC 2022 ABCD 13.2.3 (6) Roof and ceiling.
- 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

Fletcher Insulation glasswool products are manufactured from FBS-1 Glasswool Bio-Soluble Insulation®. Refer to Fletcher Insulation SUIS for more information.

### 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 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.
- There must be a minimum 20mm clearance between the product and the roof/pliable building membrane.
- Product must 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

The insulation material shall be Fletcher Insulation Pink® Perimeter Ceiling R3.1 m2K/W (Material R-value) 110mm (thickness) x 450mm (width) x \_\_\_\_\_ (length) mm.

- Product must be FBS-1 Bio-soluble.
- Product must recover after packaging removal, to the requirements of AS 4859.1.

### Installation instructions

For the correct installation method, follow the Installation Guidelines available from [insulation.com.au](http://insulation.com.au)

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