

Pink® Floor Batts

Thermal insulation for underfloor

**NEXT
GENERATION
FORMULA**

**Now with
a softer feel
for more
comfortable
handling**

AS/NZS 4859.1:
2002 - Including
Amendment 1
Materials for the
Thermal Insulation of
Buildings

Pink® Floor Batts comply with the Energy Efficiency provisions of the BCA for all types of thermal insulation to be certified by a NATA accredited organisation.



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FLI-2007
GECA 33-2007-
BUILDING INSULATION

PINK FLOOR BATTS

Product description and typical applications

Pink® Floor Batts are made from lightweight, flexible and resilient glasswool, specially designed for the thermal insulation of underfloor in domestic buildings. They have the added benefit of being an effective sound absorber and so contribute to both the thermal and acoustic comfort of building occupants. Pink® Floor Batts are specifically designed for both new homes and retrofit applications. The high density nature of the Pink® Floor Batts ensures that the product will friction fit and will not sag during installation. A retention strapping system supplied with the product is recommended for all applications.

Pink® Floor Batts feature a Next Generation formula that provides a softer feel for more comfortable handling.

Physical characteristics

Material R-value m² k/w	Batt Size mm	Thickness mm	Batts per pack	Area per pack m²	Coverage per pack m²
R2.5HD	1160 x 430	90	12	6.0	6.8

Installation

New floor - fitting batts to the floor joists before flooring is fitted

Note: the product's retention strapping is installed first; the batts are then laid on top.

- To begin the installation, the retention strap should be stapled or fastened securely on the outer side and the underneath base of the joist. Then run the tape under the bottom face of the joists and once again staple or fasten to the outer face of the next joist as before. If the joist is 90mm deep, the tape runs straight across the gap. If the joist is 100+mm deep, then the tape should be stapled on the inside face of both joists approximately 90mm from the top of the joist (e.g. 10mm from the bottom) to ensure the batt is flush with flooring when positioned. Use 3-4 straps per batt.
- Friction fit the batts between joists.
- Butt the batts closely together ensuring there are no gaps.
- Completely insulate the underfloor and butt the batts to external wall frames.
- If there are any gaps or pipe work, cut the batts to fit around. Ensure the batts are cut to fit snugly around underfloor penetrations.

Retrofit floor - fitting batts underfloors when flooring is already fitted

Note: the product's retention strapping is installed after the batts are positioned.

- Insert the batts between floor joists pushing them upwards and hard against the floor boards.
- Butt the batts closely together ensuring there are no gaps.
- Completely insulate the underfloor and butt the batts to external wall frames.
- If there are any gaps or pipe work, cut the batts to fill gaps or fit around the pipes. Ensure the batts are cut to fit snugly around underfloor penetrations.
- After positioning the batts flush to the flooring, the product retention strap should be stapled or fastened securely on the outer faces of the joists and the underneath base of the joists. Staple or fasten the tape at the top of the side face of the joist and the bottom base of the joist. Then run the tape under the bottom face of the joists and once again staple or fasten to the outer face of the next joist as before. If the joist is 90mm deep, the tape runs straight across the gap. If the joist is 100+mm deep, the tape should be stapled on the inside face 90mm from the top of the joist, e.g. 10mm from the bottom to ensure the batt is flush with flooring when secured. Use 3-4 straps per batt.

CAUTION: Keep a minimum clearance of 50mm from heat emitting devices. Electric cables and equipment partially or completely surrounded with bulk thermal insulation may overheat and fail. This applies to wiring installed prior to 1989. Refer to AS3999-1992 including Amendment 1: Section 2.6 for details. Cabling post 1989: continuous electrical cabling (240 volts) cannot be fully surrounded by the insulation for a length greater than 300mm. In runs greater than 300mm, the electrical wiring must be touching a timber stud or the plaster lining. For comprehensive details, please refer to the installation instructions on the reverse of the product's packaging.

**Fletcher®
Insulation**

*We safely deliver extraordinary
value to our customers*

Green Star compliant

The Green Building Council of Australia (GBCA) strongly recommends third party validation of insulation products environmental merit by GECA - Good Environmental Choice Australia (www.gbca.org.au). GECA scientific research is based on function and overall environmental and human health in conformance to ISO14024. GECA certification provides a clear, credible guide to products that are sustainable and improve the quality of the environment.

AS1530.1 Test for combustibility of materials

Testing conducted by CSIRO in accordance with AS1530 Part 1 concluded that Pink® Floor Batts are non-combustible.

AS1530.3 Early fire hazard properties of materials

Pink® Floor Batts exhibit the following characteristics when tested in accordance with AS1530 Part 3:

Ignitability Index	0
Spread of Flame Index	0
Heat Evolved Index	0
Smoke Developed Index	0-1



The production of environmentally sustainable FBS-1 Glasswool Bio-Soluble Insulation® utilizes approximately 80% recycled waste glass.



Low Allergen content with the ability to moderate temperature changes.



Fletcher Insulation® glasswool products are manufactured from FBS-1 Glasswool Bio-Soluble Insulation®. FBS-1 Glasswool Bio-Soluble Insulation® is not classified as hazardous according to the criteria of the Australian Safety and Compensation Council (formerly NOHSC), Approved Criteria for Classifying Hazardous Substances (NOHSC: 1008) 3rd Edition. Fletcher Insulation® glasswool is classified as safe to use, refer to our MSDS.



Moisture

In the event of Pink® Floor Batts becoming wet, they should be dried prior to installation to obtain maximum performance and prevent damage to other building elements. Pink® Floor Batts absorb less than 0.2% moisture by volume when exposed to environmental conditions of 50°C and 95% relative humidity for four days.

Alkalinity

When tested in accordance with British Standard 3958, Fletcher Insulation® glasswool products are slightly alkaline pH9 (neutral is pH7). They will not promote or accelerate the corrosion of steel or galvanised steel studs provided they are protected from external contamination.

Maximum service temperature

Fletcher Insulation® Pink® Floor Batts have a maximum service temperature of 340°C.

Specification notes

State the following:

- Product name - Pink® Floor Batts
- Material R-value required
- Joist or stud spacing
- Area involved.

Additional information available on our website: www.insulation.com.au or from your Territory Manager.

Freecall SALES **1300 65 44 44** Technical Services **1800 000 878**

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