

## Technical Data Sheet

### Pink Batts®

Thermal insulation for ceilings and walls

#### Product description and typical applications

Pink Batts® insulation are made from lightweight, flexible and resilient glasswool, specially designed for the thermal insulation of ceilings and walls in domestic and commercial 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. The comprehensive range of sizes and R-values available ensures there is an efficient and effective Pink Batts® insulation solution available for any application. Pink Batts® insulation for wall applications are stiffened to fit snugly between standard spacing wall studs – both timber and steel – without sagging and should be installed at the time of construction before fixing internal lining.

Pink Batts® insulation features a next generation formula that provides a softer feel for more comfortable handling.

#### Physical characteristics

| Nominal R-value<br>m <sup>2</sup> k/w | Thickness<br>mm | Product<br>code | Batt size<br>mm | Batts per<br>pack | Area<br>per pack<br>m <sup>2</sup> | Coverage<br>per pack<br>m <sup>2</sup> |
|---------------------------------------|-----------------|-----------------|-----------------|-------------------|------------------------------------|----------------------------------------|
| Wall Batts                            |                 |                 |                 |                   |                                    |                                        |
| R1.5                                  | 65              | 900166          | 1160 x 430      | 24                | 12.0                               | 13.6                                   |
|                                       |                 | 900167          | 1160 x 580      | 24                | 16.2                               | 18.2                                   |
| R2.0                                  | 90              | 901217          | 1160 x 430      | 24                | 12.0                               | 13.6                                   |
|                                       |                 | 901218          | 1160 x 580      | 24                | 16.2                               | 18.2                                   |
| R2.0HD*                               | 70              | 900210          | 1160 x 430      | 12                | 6.0                                | 6.8                                    |
|                                       |                 | 900211          | 1160 x 580      | 12                | 8.1                                | 9.1                                    |
|                                       |                 | 900213          | 1200 x 600      | 12                | 8.6                                | 9.7                                    |
| R2.5HD*                               | 90              | 900253          | 1160 x 430      | 12                | 6.0                                | 6.8                                    |
|                                       |                 | 900256          | 1160 x 580      | 12                | 8.1                                | 9.1                                    |
|                                       |                 | 900214          | 1200 x 600      | 12                | 8.6                                | 9.7                                    |

\*Minimum order quantity may apply.

|               |     |        |            |    |      |      |
|---------------|-----|--------|------------|----|------|------|
| Ceiling Batts |     |        |            |    |      |      |
| R2.5          | 130 | 901254 | 1160 x 430 | 16 | 8.0  | 9.0  |
|               |     | 901255 | 1160 x 580 | 16 | 10.8 | 12.2 |
| R3.0          | 155 | 901304 | 1160 x 430 | 16 | 8.0  | 9.0  |
|               |     | 901305 | 1160 x 580 | 16 | 10.8 | 12.2 |
| R3.5          | 175 | 901354 | 1160 x 430 | 16 | 8.0  | 9.0  |
|               |     | 901355 | 1160 x 580 | 10 | 6.7  | 7.6  |
| R4.0          | 195 | 901404 | 1160 x 430 | 10 | 5.0  | 5.6  |
|               |     | 901403 | 1160 x 580 | 10 | 6.7  | 7.6  |
| R5.0          | 215 | 901504 | 1160 x 430 | 8  | 4.0  | 4.5  |
|               |     | 901505 | 1160 x 580 | 8  | 5.4  | 6.1  |
| R6.0          | 250 | 901604 | 1160 x 430 | 6  | 3.0  | 3.4  |
|               |     | 901605 | 1160 x 580 | 6  | 4.0  | 4.5  |

Product must be installed in accordance to manufacturer instructions - refer to back of pack or [www.insulation.com.au](http://www.insulation.com.au) for details.

#### 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](http://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.

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



FLI-2007  
GECA 33-2007-  
BUILDING INSULATION



**PINK BATTS®**  
Comfort for keeps



**Fletcher®**  
Insulation

**We safely deliver extraordinary  
value to our customers**

## Moisture absorption

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

## AS1530.1 Test for combustibility of materials

Testing conducted by CSIRO in accordance with AS1530 Part 1 concluded that Pink Batts® insulation are non-combustible. The Building Code of Australia (BCA) deemed to satisfy provisions require walls important to the structural integrity of commercial buildings to be constructed wholly of materials that are non-combustible. Fire rated (FRL) walls between tenancies and common walls of multi-level apartment buildings also must be constructed wholly of materials that are non-combustible. The BCA states that if materials used in an assembly contain combustible components, then the assembly is combustible.

Incorporating non-combustible Pink Batts® insulation into wall systems allows builders to gain acoustic and thermal benefits while still complying with the BCA requirement to maintain structural integrity and for minimising risk to occupants from smoke inhalation and fire in Class 2 to 9 buildings.

## AS1530.3 Early fire hazard properties of materials

Pink Batts® insulation 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 |

## 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

Pink Batts® insulation have a maximum service temperature of 340°C.

## Specification notes

State the following:

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



The production of environmentally sustainable FBS-1 Glasswool Bio-Soluble Insulation® utilises 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.



**Fletcher**  
Insulation®

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