

## Technical Data Sheet

### Pink<sup>®</sup> Building Blanket

General purpose building blanket

#### Product description and typical applications

Pink<sup>®</sup> Building Blanket is a lightweight, flexible and resilient glasswool material, providing thermal insulation performance with the added benefit of being an effective sound absorption material. Pink Building Blanket can be used in conjunction with a Sisalation<sup>®</sup> vapour barrier foil under the blanket where condensation prevention is required (see Permastop<sup>®</sup> Building Blanket data sheet). It provides excellent thermal and acoustic insulation when installed under metal deck roofs and in metal clad walls.

Pink<sup>®</sup> Building Blanket insulation features a Next Generation formula that provides a softer feel for more comfortable handling.

#### Physical characteristics

| Material R-value m <sup>2</sup> K/W | Product Code | Nominal thickness mm | Dimensions m x mm | Area per roll m <sup>2</sup> |
|-------------------------------------|--------------|----------------------|-------------------|------------------------------|
| R1.3                                | 905150       | 55                   | 15 x 1200         | 18.0                         |
|                                     | 905200       |                      | 20 x 1200         | 24.0                         |
|                                     | 905300       |                      | 30 x 1200         | 36.0                         |
| R1.8                                | 907150       | 75                   | 15 x 1200         | 18.0                         |
|                                     | 907200       |                      | 20 x 1200         | 24.0                         |
|                                     | 907250       |                      | 25 x 1200         | 30.0                         |
| R2.0                                | 908921       | 90                   | 15 x 1200         | 18.0                         |
| R2.3                                | 908922       | 100                  | 10 x 1200         | 12.0                         |
| R2.5                                | 908100       | 100                  | 10 x 1200         | 12.0                         |
|                                     | 908920       |                      | 15 x 1200         | 18.0                         |
| R3.0                                | 909100       | 130                  | 10 x 1200         | 12.0                         |
| R3.2                                | 909203       | 130                  | 10 x 1200         | 12.0                         |
| R3.6                                | 909306       | 130                  | 6.5 x 1200        | 7.8                          |

#### General installation advice

- Install Pink<sup>®</sup> Building Blanket in a dry state.
- Where cutting is required, use a sharp knife and straight edge. Cutting with power tools is not recommended.
- Butt blanket firmly on end and side joins. Fit tightly around roof protrusions. Fill gaps with off-cuts to avoid heat leakages.
- Under a metal deck roof or metal clad walls, the use of a moisture vapour barrier on the warm side of the structure (inside) should be considered to prevent condensation from occurring. Visit [www.insulation.com.au](http://www.insulation.com.au) for more information.

#### 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.

#### Moisture absorption

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

**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<sup>®</sup> Building Blanket  
comply with the Energy  
Efficiency provisions of  
the BCA for all types  
of thermal insulation to  
be certified by a NATA  
accredited organisation.



ELL-2007  
GECA 33-2007-  
BUILDING INSULATION



**Fletcher<sup>®</sup>**  
Insulation

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

## AS1530.1 test for combustibility of materials

Testing conducted by CSIRO in accordance with AS1530 Part 1 concluded that Pink® Building Blanket is 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 must also 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® Building Blanket 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® Building Blanket exhibits 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 |

## Maximum service temperature

Pink® Building Blanket has a maximum service temperature of 340°C

## Alkalinity

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

## Specification notes

State the following:

- Product name - Pink® Building Blanket
- Material R-value (or thickness) required - R1.3, R1.8, R2.5, R3.0, R3.2, R3.6
- Area required
- Location in building and description of work
- Type of vapour barrier (if required).



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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