

## Pink® Building Blanket

### General purpose building blanket

#### Product description and typical applications

Pink® 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® vapour barrier foil under the blanket where condensation prevention is required (see Permastop® Building Blanket data sheet). It provides excellent thermal and acoustic insulation when installed under metal deck roofs and in metal clad walls.

#### 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

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

Pink® Building Blanket complies 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



#### General installation advice

- Install Pink® 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

Fletcher Insulation does not use Ozone Depleting Potential (ODP) substances in the manufacture or composition of its FBS-1 Glass Wool Bio-Soluble Insulation® and Sisalation® reflective foil products. Using insulation with an ODP of zero will accrue one Green Star point under the Insulant ODP Credit for eligible Green Star projects.

The use of these Fletcher Insulation™ products guarantees the use of ODP free 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.

#### Moisture absorption

In the event of Pink® Building Blanket becoming wet, it should be dried prior to installation to obtain maximum performance and prevent damage to other building elements. Pink® 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.

Fletcher  
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

## Fire Performance – Bushfire Attack Level (BAL)

When used in conjunction with Sisalation® sarking, Pink® Building Blanket meets the requirements for BAL 12.5-40 as outlined in AS 3959 for metal roofs. The glasswool blanket is classified as non-combustible in accordance with AS 1530.1 and is suited for sealing ember entry points at ridges, valleys and fascias to meet the BAL requirements for metal clad roofs in bushfire areas. The Sisalation® reflective foil facing component satisfies the BCA flammability index requirement of  $\leq 5$ .

## 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).

For further information call **1300 65 44 44**

Email [info@insulation.com.au](mailto:info@insulation.com.au) Web [www.insulation.com.au](http://www.insulation.com.au)

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TDS108 Revision 3 Issue Date 30.09.2014 / FI\_0143\_001111\_23



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.



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