

## Pink® Acousti-Therm®

### Thermal and acoustic insulation

#### Product description and typical applications

Pink® Acousti-Therm® insulation is made from lightweight, flexible and resilient glasswool, specially designed to provide excellent acoustic and thermal performance for walls, ceilings and between floors in residential buildings. Pink® Acousti-Therm® insulation is excellent for reducing noise transfer between rooms and enables high R-values for external walls to be achieved with limited cavity size. Pink® Acousti-Therm® insulation is a cost effective acoustic solution, providing similar performance to more expensive rockwool acoustic insulation.

**Pink® Acousti-Therm® 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	Batt Size mm	Nominal Thickness mm	Batts Per Pack	Area per pack m <sup>2</sup>	Coverage per pack m <sup>2</sup>
R1.5	1200 x 430	65	12	6.2	6.8
	1200 x 580			8.4	9.3
R2.0	1200 x 430	75	12	6.2	6.8
	1200 x 580			8.4	9.3
R2.5	1200 x 430	90	12	6.2	6.8
	1200 x 580			8.4	9.3

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

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.

#### AS1530.1-1994 Test for combustibility of materials

Testing conducted by CSIRO in accordance with AS1530 Part 1 concluded that Pink® Acousti-Therm® insulation is non-combustible.

The National Construction Code (NCC) 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 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® Acousti-Therm® 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.

**NEXT  
GENERATION  
FORMULA**

**With a  
softer feel  
for more  
comfortable  
handling**

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

Pink® Acousti-Therm®  
insulation complies with  
the Energy Efficiency  
provisions of the BCA  
for all types of thermal  
insulation to be certified  
by a NATA accredited



FLI-2007  
GECA 33-2007-  
BUILDING INSULATION



Global-Mark.com.au®



**PINK®**  
ACOUSTI-THERM®

Fletcher®  
Insulation

*We safely deliver extraordinary  
value to our customers*

## AS/NZS 1530.3-1999 Early fire hazard properties of materials

Pink® Acousti-Therm® insulation 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

## Moisture resistance

In the event of Pink® Acousti-Therm® insulation becoming wet, it should be dried prior to installation to obtain maximum performance and prevent damage to other building elements. Pink® Acousti-Therm® insulation absorbs 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

Pink® Acousti-Therm® insulation has a maximum service temperature of 340°C.

## Specification notes

State the following:

- Product name - Pink® Acousti-Therm® 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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