

## Poly Batts

### Thermal insulation for ceiling and walls

#### Product description and typical applications

Poly Batts, the soft touch choice, are made from a blend of polyester fibres bonded with a low melt fibre to produce a 100% polyester insulation. Polyester fibres are made from synthetic polymers known as polyethylene terephthalate (PET) - chemical substances found mainly in petroleum. To reduce landfill, plastic drink bottles are also recycled to produce a portion of the fibres used to manufacture Poly Batts. The strong, lightweight, fibres are soft to handle, making for easy installation in walls, ceilings and between floors of timber framed construction. They have the added benefit of being a sound absorber and so contribute to both the thermal and acoustic comfort of building occupants.

#### Physical characteristics

Nominal 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	1160 x 430	90	16	8.0	9.0
	1160 x 580	90	16	10.8	12.2
R2.0	1160 x 430	125	16	8.0	9.0
	1160 x 580	125	16	10.8	12.2
R2.5	1160 x 430	160	12	6.0	6.7
	1160 x 580	160	12	8.1	9.1
R3.0	1160 x 430	175	12	6.0	6.7
	1160 x 580	175	12	8.1	9.1
R3.5	1160 x 430	190	8	4.0	4.5
	1160 x 580	190	8	5.4	6.1
R4.0	1160 x 430	200	8	4.0	4.5
	1160 x 580	200	8	5.4	6.1

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.

#### Installation advice

- Where cutting is required, tearing may be easier than cutting.
- Do not cut with power tools
- Due to the combustible nature of polyester, leave a space of at least 200mm around halogen downlights. Higher R-value ceiling batts are recommended to offset gaps caused by downlights.

#### Green Star compliant

Fletcher Insulation is committed to providing environmentally sustainable products. Fletcher Insulation products have Zero Ozone Depleting Potential in both manufacture and composition, complying with the GreenStar Insulant ODP Emissions credit requirement. Air quality is maintained with total Volatile Organic Compound (VOC) emissions below quantifiable levels.



**POLY BATTS**

**Soft touch**  
Polyester Insulation

Fletcher<sup>™</sup>  
Insulation

We safely deliver extraordinary value to our customers

## AS1530.3 Early fire hazard properties of materials

Poly 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

## Moisture resistance

In the event of Poly Batts becoming wet, they should be dried prior to installation to obtain maximum performance and prevent damage to other building elements.

## Alkalinity

Poly Batts 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* Poly Batts have a maximum service temperature of 160°C.

## Specification notes

### State the following:

- Product name - Poly Batts
- Material R-Value required
- Joist or stud spacing
- Area involved.



Low Allergen content with the ability to moderate temperature changes.



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