

Cosyfloor® Polyester underfloor insulation

Product description and typical applications

Cosyfloor® is 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 *Cosyfloor*. The strong, lightweight, fibres are soft to handle, making for easy installation as a retrofit or during construction. *Cosyfloor* is designed and pre-cut to fit between standard timber floor joists at 450mm centres. The correct installation of *Cosyfloor* can effectively reduce heating and cooling energy costs. It will also help meet the 6 star energy efficiency requirements for suspended timber floors.

Physical characteristics

Nominal R-value (m ² k/w)	Roll Size (mm)	Nominal Thickness (mm)	Rolls Per Pack	Area Per Pack (m ²)	Coverage Per Pack (m ²)
R1.5	10m x 450	90	2	9.0	9.0
R2.0	10m x 450	125	2	9.0	9.0

Installation advice

- Where cutting is required, tearing may be easier than cutting.
- Do not cut with power tools
- Push down into the joist spacing so that the top edges of the product are flush with the top of the timber floor joists.
- Fix *Cosyfloor* in place by pinching a small section of the blanket and stapling it to the side of the timber floor joists every 300mm.
- Visit www.insulation.com.au for more details.

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.



cosyfloor
Polyester floor insulation

Fletcher™
Insulation

We safely deliver extraordinary
value to our customers

AS1530.3 Early fire hazard properties of materials

Cosyfloor 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 *Cosyfloor* becoming wet, they should be dried prior to installation to obtain maximum performance and prevent damage to other building elements. *Cosyfloor* absorbs less than 0.2% moisture by volume when exposed to environmental conditions of 50°C and 95% relative humidity for four days.

Alkalinity

Cosyfloor 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 *Cosyfloor* have a maximum service temperature of 160°C.

Specification notes

State the following:

- Product name - Fletcher Insulation *Cosyfloor*
- Material R-Value required.



Low Allergen content with the ability to moderate temperature changes.



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