

## Cosyfloor®

### Polyester underfloor insulation

#### Product description and typical applications

Cosyfloor® underfloor insulation is a thermally bonded 100% polyester insulation designed to provide thermal insulation to residential and commercial buildings. Polyester fibres are made from synthetic polymers known as polyethylene terephthalate (PET) - chemical substances found mainly in petroleum. To reduce landfill, plastic bags and packaging are also recycled to produce a portion of the fibres used in the manufacturing process. The strong, lightweight, fibres are soft to handle, making for easy installation as a retrofit or during construction. Cosyfloor® underfloor insulation is designed and pre-cut to fit between standard timber floor joists at 450mm centres. The correct installation of Cosyfloor® underfloor insulation 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

Product Code	Material R-value m² k/w	Roll Size m x mm	Nominal thickness mm	Rolls per pack	Area per pack m²	Coverage per pack m²
335201	R1.5	11.6 x 430	100	3	14.96	14.96
335200	R2.0	11.6 x 450	120	3	15.66	15.66

#### Installation

Cosyfloor® underfloor insulation should be installed in accordance with the requirements of the Building Code of Australia AS/3999.1992.

Cosyfloor® underfloor insulation should be installed as a snug fit between framing members with no gaps at any join or perimeter. These products can be easily torn across its width for smaller pieces. Installation instructions are included with every pack. Leave a clearance of 50mm from the body of heat emitting fixtures such as downlights, exhaust fans and flues.

Product will regain nominal thickness in situ over four weeks. Product thickness recovery may be compromised if the product is stored for more than six months or is further compressed.

#### AS1530.3 Early fire hazard properties of materials

Cosyfloor® underfloor insulation 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	3

#### Moisture

Cosyfloor® underfloor insulation is not affected by moisture. Exposure to an atmosphere of 50°C at 90% relative humidity for four days shows moisture absorption of less than 0.03%. Should the product become wet, full thermal and acoustic performance will be restored on drying out.



Low Allergen content with the ability to moderate temperature changes.



Fletcher®  
Insulation

## Alkalinity

Cosyfloor® underfloor insulation 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® underfloor insulation has a maximum service temperature of 160°C.

## Specification notes

State the following:

- Product name - Fletcher Insulation Cosyfloor® underfloor insulation
- Material R-value required.



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