

Product Spotlight Sheet

# Reflecta-Floor 500 Plus™

greenguide

features and benefits reference



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# Reflecta-Floor 500 Plus™

Reflecta-Floor 500 Plus™ offers our customers an exceptionally easy to install and highly thermally efficient solution to insulating under suspended floors.

GI Building Sciences™ Reflecta-Floor 500 Plus™ is rolled out in between floor joists and fixed to the side of the joists. Free of fibres, this robust underfloor insulation system is designed specifically for the Australian Climate.

Insulation	Summer (Downwards)	Winter (Upwards)
GI Building Sciences™ Reflecta-Floor 500 Plus™	RT 2.0	RT 3.8

- Thermal calculations by James Fricker as per AS/NZS 4589.1&2
- Includes floor covering and underlay – R0.3

## Features – Fact vs Fiction

- Perforated for Drainage in the Event of Exposure to Wet Weather
- 15 Year Warranty
- Thermo Cellular Core providing a Barrier Against Conductive Heat and Vapour Penetration
- Two Outer Layers of 99%+ Pure Aluminium, with XHD Rating
- 20m x 500mm x 3Rolls per Pack
- 5.5mm Core
- Passes All Relevant Australian Standards Fire Tests including AS 1530.2
- A Fibre Free Alternative, without Proprietary Fixings or Special Protective Clothing
- Reduced on site Wastage and Improved Coverage compared to Other Products

## Fitting – is between Joists

Fitting is between the joists.

*Note: Both these methods will not provide a continuous vapour barrier.*

### Timber Frame, New Building

1. Roll in parallel direction to floor joists ensuring that it is set in-between joists with the antiglare side facing upwards.
2. Gently push down on the rolled out sections of the insulation so that the material is set to the depth in line with the bottom of the floor joists.
3. Ensure that there is sufficient up-turned laps of product on the inside of each joist.
4. Fix the up-turned laps to the inside of the floor joist using staples or screws at approx a maximum 150 mm centres.

### Timber Frame, Retrofit between Joists

1. From below the floor joists, roll in parallel direction to floor joists ensuring that it is set in-between joists with the anti-glare side facing downwards.
2. Gently push up on the rolled out sections of the insulation so that the material is set to a depth to achieve maximum airspace.
3. Ensure that there is a sufficient down-turned lap of product on the inside of each joist to adequately fix in place.
4. Fix the down-turned laps to the inside of the floor joist using staples or screws at approx a maximum 150 mm centres.

## SAFETY INSTRUCTIONS

When installing insulation products ensure that all electrical cabling, fittings and wiring are in a safe condition and there is no potential for contact with live wiring. The use of non- conductive staples is recommended.

