



It's wonderful!!

SUPERIOR UNDERFLOOR INSULATION

wunderfloor has been designed to insulate wooden floors of new and existing homes and provides more insulation than required by the Building Code for new homes. Each wunderfloor panel features four individual pockets to trap air and provide a consistent level of insulation.

- Drier, warmer and healthier living environment
- Provides R1.5 or better insulation and prevents drafts rising through the gaps in the floor boards
- Easy to install and can be secured with the supplied fixing brackets
- Durable, and will not rot or shrink
- Fire retardant and is non-irritant

Panels are 60mm thick and are available in packs of 10 in the following sizes:

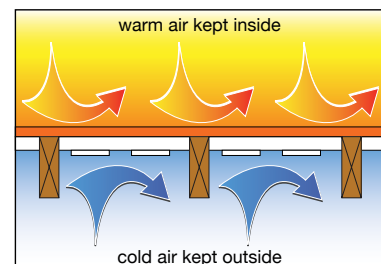
Panel 420 | 420mm wide by 1200mm long

Panel 470 | 470mm wide by 1200mm long

Panel 560 | 560mm wide by 1200mm long



wunderfloor is installed between underfloor joists and retained with fixing clips for each panel. A snug tight fit is important to maintain full insulation performance.



wunderfloor is a solid EPS foam so no draughts can penetrate through, keeping cold air out in winter and warm air out in summer.

Easy Installation | Durable | R 1.5 Insulation | Healthy Home



wunderfloor

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INSTALLATION INSTRUCTIONS

1. FITTING OF WUNDERFLOOR

Select the width required from our range (420,470,560), if further cutting is required use the concertina grooves along the edge of the panels to ensure a tight fit is achieved between floor joists. Cutting of wunderfloor can be done with a sharp knife (fig 1). Make sure panels fit flush to the underside of the floor substrate and panel ends are butted tightly together. Panels are marked with "this side to floor" (fig 2). Care should be taken to seal any last part panel where cutting is through the air pocket zone at the end of a run. Seal up the end pockets with any offcuts.

2. FIXING OF SUPPORTS

Each pack comes with 20 fixing brackets allowing 2 per panel, these are placed in an appropriate position to keep the panel in place (fig 3). This can be done using a heavy duty stapler. Alternative fixing methods can be used if they give adequate support.

3. ELECTRICAL WIRING

Be aware of electrical wiring and fittings. If any wire comes in contact with the wunderfloor panels, protect the wiring with a suitable non PVC isolating tape or void foam filler. Avoid covering wires where possible. If any wires need moving contact your qualified electrician. Electrical equipment can overheat around thermal insulation. Leave a 150mm clearance around any equipment.

4. PLUMBING PIPEWORK

Cut or notch panels to fit around piping. Any gaps can be filled with offcuts or a suitable polyurethane foaming sealant available from hardware outlets.

5. THERMAL PERFORMANCE

If wunderfloor is fixed correctly the total R value of R1.5 is a combination of the wunderfloor thickness and the 4 trapped air pockets built in.

6. STANDARDS

wunderfloor is manufactured to comply with AS1366. 3 and is based on our SL Grade Polystyrene. wunderfloor complies with the NZ Insulation Standard AS/NZS 4859.1. 2002 and NZS 4218: 2009 Thermal Insulation Housing and Small Buildings.

For your nearest wunderfloor supplier contact **0800 87 87 85**

BRANZ tested the R Value and we have approval from EECA (Energy Efficiency Conservation Authority) for use in government subsidized Insulation Programmes for underfloor insulation.



fig 1

wunderfloor being installed between joists that are not standard width so trimming the panels is necessary at special concertina edges each side or one side.



fig 2

wunderfloor being installed between joists with a snug fit and panel top side must be up tight to the underside of the floor.



fig 3

wunderfloor is being further supported by special fitting brackets stapled into place. Other fixing methods can be used.

