

INSULPOL™ | SUBFLOOR INSULATION SYSTEM

INSTALLATION INSTRUCTIONS

ELECTRIC CABLES AND FITTINGS

INSULPOL™ must not come into contact with any unprotected electrical cabling. If required, protect cables with rigid PVC conduits, or paper-based tape. All electrical fittings must also be provided with a 150mm gap from any INSULPOL™.

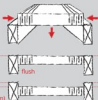
Note: Flexible PVC cables will deteriorate if they remain in contact with polystyrene for extend periods of time.



1

INSTALLATION TO NEW BUILDS

Compress the sides of INSULPOL™ and squeeze between the floor joists from above, just prior to installing the flooring. Ensure a snug fit, as this optimises insulation performance. An increased R value can be achieved by creating a 15mm cavity between INSULPOL™ and the flooring.



3

ADDITIONAL SUPPORT

In most situations, INSULPOL™ will be self-supporting however, if INSULPOL™ will be exposed to strong air movements under the floor e.g. built on stilts, added support may be required.

This can be achieved by using a polystyrene compatible adhesive (refer PWS for recommendations) between INSULPOL™ and the flooring (or joists) or skewed nails into the joists.



5

SPECIFICATIONS

INSULPOL™ panel size: 1,220mm x 420mm

INSULPOL™ panel thicknesses: 50mm, 75mm and 90mm

MEASURE AND CUT

Width: measure between the floor joists and add 10-20mm (for compression of the INSULPOL™ panel).

Length: add 2mm to any measurement, to ensure snug fit.

Cut: trim concertina edges and/or length using a sharp knife or handsaw.



2

INSTALLATION TO EXISTING BUILDS

Compress the sides of INSULPOL™ and squeeze between the floor joists from below. Ensure a snug fit, as this optimises insulation performance.

An increased R value can be achieved by creating a 15mm cavity between INSULPOL™ and the flooring.



4

SEALING

To further optimise thermal efficiency, apply expanding foam to all gaps around plumbing and other ducting penetration.

Note: Gaps around electrical fittings MUST NOT be filled.



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Victoria
Unit 5B, 1764 Sydney Road
Campbellfield VIC 3061

75 Rodeo Drive
Dandenong South VIC 3175

New South Wales
8 Forsyth Close
Wetherill Park NSW 2164

South Australia
24 Humphries Terrace
Kilkenny SA 5009

sales@rendex.com.au
National 1300 663 118
Campbellfield 03 9357 7316
Dandenong 03 8738 8110
Wetherill Park 02 9725 1915
Kilkenny 08 8244 1999

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