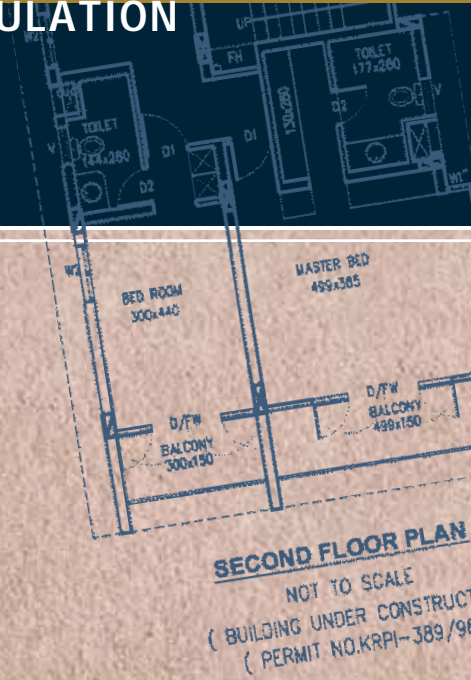


THE
**ULTIMATE
CHOICE**



EXPOL **UNDER CONCRETE FLOOR INSULATION** insulates your concrete slab from the ground below keeping your home cosy and warm.



UNDER CONCRETE FLOOR INSULATION

- ¥ Insulates the concrete floor from the cold ground below
- ¥ Reduces heating costs and keeps homes cosy and warm
- ¥ Underslab insulation is available in easy to handle sheets
- ¥ Cost effective and inexpensive to install
- ¥ Manufactured to AS1366 Part 3 Australian Standards



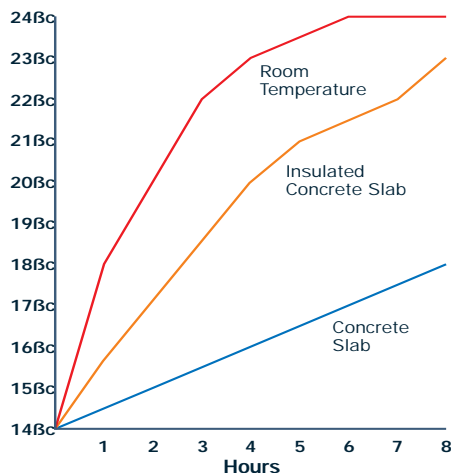
MOISTURE RESISTANCE

EPS is a closed cell material and does not readily absorb water, unless subject to prolonged saturation. Even in this situation this product maintains its shape, size, structure, physical appearance and approximately 85% of its insulation value.

The ability of EPS to resist moisture is exemplified by its widespread use in fishing floats and marinas, involving exposure to water for prolonged periods of time.

WARMER FLOOR WARMER FEET

When insulating with Expol insulation, the slab temperature will increase with the room temperature. The warmth in your concrete slab will be retained for longer, ensuring a warmer, more comfortable home.

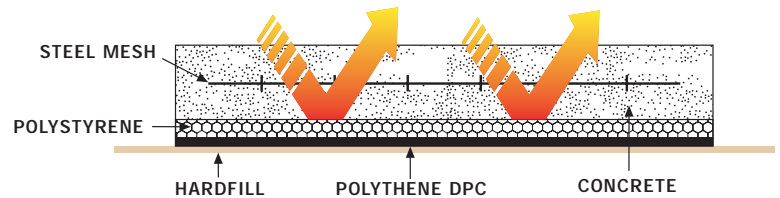


Tests carried out on 25mm foam over an 8 hour period

Grade	Thickness	K Value	R Value
H	25	.036	.69
H	40	.036	1.11
S	25	.038	.65
S	40	.038	1.05

INSTALLATION INSTRUCTIONS

Installing the polystyrene insulation is a relatively straightforward process, once the polythene has been laid, place the polystyrene sheets on top of the polythene, the sheets are simply butted together. The polystyrene should not be placed under any footings or thickenings, holes can be cut in the polystyrene with a sharp knife to accommodate any services. After the polystyrene installation process is completed, lay the reinforcing steel mesh on top of the polystyrene and position mesh chairs. After the necessary inspections the floor is now ready to pour.



SHEET SIZES

Polystyrene sheets for under a concrete slab are supplied usually in 25mm and 40mm in 3 regular sizes
 1800mm x 1200mm
 2400mm x 1200mm
 3600mm x 1200mm
 Other thicknesses supplied on request.

Properties	Unit	S Grade	H Grade	Test Method
Compressive Strength at 10% Deformation (min)	kPa	85	135	AS2498.3
Cross Breaking Strength	kPa	165	260	AS2498.4