

Product Details

GreenGuard®

When GreenGuard® is used under a concrete slab it greatly improves the thermal performance of the slab and prohibits thermal leakage. GreenGuard® has a compressive strength of 300kPa.

Installation Instructions

1. Prepare the sub-grade accordingly
2. Line your slab area with damp proof course (polythene).
3. Butt the GreenGuard® sheets together on top of the DPC and tape joins. (Make sure the GreenGuard® sheets are not placed under any footings or thickenings for load bearing walls.)
4. GreenGuard® can be cut around any obstructions but needs to be sealed using appropriate sealants.
5. When the sheets are laid, put the required mesh chairs down and place the reinforcing mesh on top.
6. Follow up pouring the concrete and level accordingly.

Packaging and Storage

The polyethylene packaging of Kingspan Insulation products, which is recyclable, should not be considered adequate for outdoor protection. Ideally, boards should be stored inside a building. If, however, outside storage cannot be avoided, then the boards should be stacked clear of the ground and covered with an opaque polythene sheet or weatherproof tarpaulin.

Boards should not be left in the sun covered by either a transparent or a dark plastic sheet, since in both cases, board temperatures can build up to a level hot enough to appreciably alter board dimensions or cause warping.

Under Slab Insulation

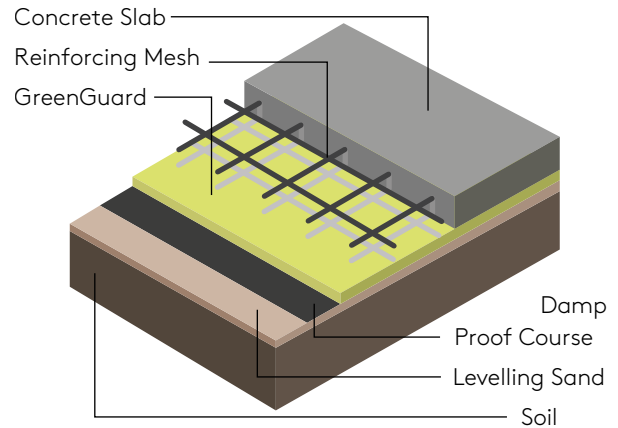


Diagram 1

GreenGuard Under Slab Insulation

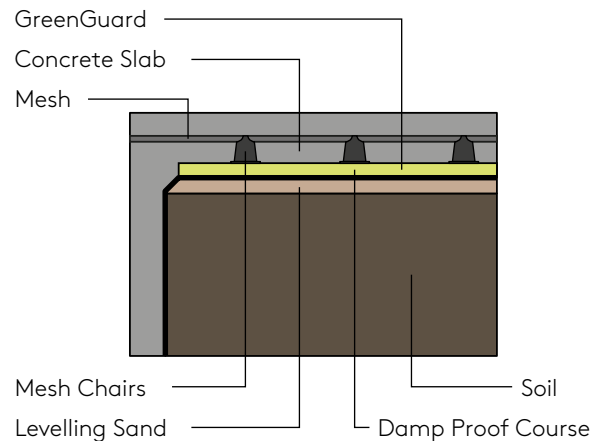


Diagram 2

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