

# in slab preparation

## attention: project manager

The details below are intended to ensure that your Inslab installation proceeds smoothly and without problem. We only get one attempt at the installation and your co-operation is essential to achieving the desired end result.

### Job Preparation

1. We will install an electric cable approximately 6mm in diameter in the required areas of the floor. The cable is tied to the concrete reinforcing mesh at an approximate spacing of 150mm – 250mm apart. If, for some reason, (i.e. you do not have reinforcing mesh) you foresee this not working please advise us in advance.
2. We strongly recommend that slab is insulated. 25mm “S” grade polystyrene laid on top of the moisture barrier is sufficient. Insulation of the slab has a significant effect on the running cost and effectiveness of the heating.
3. The electrical loadings of the heating may be significant in relation to the power you have available. Your electrician **must** be made aware that you are installing the heating, and provision must be made to cover the appropriate power requirements.

### Slab Preparation – Before We Arrive

1. The polystyrene insulation and reinforcing mesh should be installed **prior** to our arrival on site for the installation.
2. Clearly mark, using Dazzle spray or similar on the prepared slab, the actual areas to be heated. **We cannot take responsibility for positioning of the heating if the areas are not clearly marked.**
3. Clearly mark all concrete cuts – whether for expansion or cosmetic purposes. Where appropriate (across concrete cuts) we will run our heating element underneath the reinforcing mesh. This may entail cutting of the mesh in selected areas.
4. Clearly mark where the electrical controls are to be positioned. If no areas are marked we will make a “best guess” but take no responsibility for it being correct.

### Electrical Circuit Wiring

1. The elements, once installed, will be given a full electrical check and unless specified will be rechecked following the concrete pour, and following any concrete cutting.
2. The heating, once installed, will be fitted with audible alarms. These alarms are designed to detect most but not all types of damage. Care and common sense must be employed when working over the elements. Should the alarm sound please contact us immediately
3. We have not quoted for the supply and installation of any circuit wiring as it is typically less expensive for your site electrician to do. This includes actual positioning up the wall (once constructed) of our element tails. We will happily meet your electrician on site in order to confirm requirements. Please contact us prior to the pre-wiring stage so we can confirm requirements with the site electrician. If you prefer us to undertake this work we will quote accordingly.

### Commissioning

1. Once the house is nearing completion please contact us for a final element check and installation of the controllers. All electrical work should already be completed as agreed per point “3.3” above.
2. We welcome the opportunity to go over the final installation and operation of the heating with the owners to ensure the correct and most economical operation. Please feel free to contact us accordingly.

**Please do not hesitate to call us if you are unsure about any of the above details.**