

Step 4. Installation of Floorizwarm Floorizwarm Heating Element

Note: A continuous continuity check should be conducted on the Floorizwarm Heating Element and all electrically conductive material prior to and during the pouring of concrete, installation of floor coverings, and immediately prior to energizing all Floorizwarm products. The circuit should always be open. Always complete a Heatizon systems “After Installation Element Test Form” immediately following the installation of the Floorizwarm Heating Element, immediately prior to covering the Floorizwarm Heating Element, and again just prior to energizing your Floorizwarm Power Unit.

In order to minimize the risk of damage to the Floorizwarm Heating Element, Heatizon Systems recommends that the Floorizwarm Heating Element be installed immediately prior to the installation of the light-weight concrete or mortar material that goes over it.

The Floorizwarm Heating Element comes in pre-established lengths that have been designed to deliver a specified heat density. Therefore, it is essential that **all** of the Floorizwarm Heating Element contained in your kit must be installed.

- a. Design the layout of the Floorizwarm Heating Element. The design and installation of the Floorizwarm Heating Element will be easier if you:
 1. Purchase the correct Floorizwarm product with the proper amount of Floorizwarm Heating Element for your project.
 2. Plan the layout of the Floorizwarm Heating Element before you begin the actual installation
 3. Begin and end the Floorizwarm Heating Element in approximately the same area.
 4. Run the Floorizwarm Heating Element in evenly spaced runs parallel to each other
 5. Never cross the Floorizwarm Heating Element over itself or any other conductive material or wire.

Warning: Never cut or otherwise attempt to alter the length of the Floorizwarm Heating Element. Always inspect the Cold Leads and the Floorizwarm Heating Element just prior to embedding in the light-weight concrete or mortar material. In the event the Floorizwarm Heating Element gets cut, nicked, or otherwise damaged it must be replaced with new