



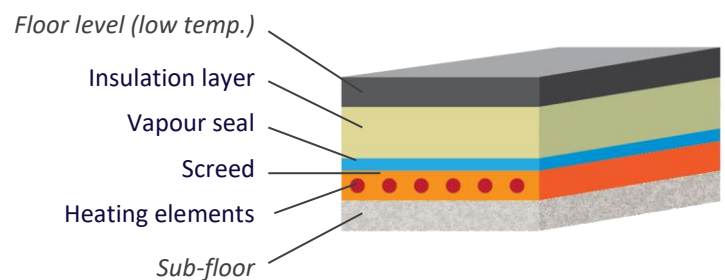
ThermaTrad – product information

ThermaTrad is part of the Thermatek® product range, the most dependable and energy-efficient systems for preventing frost heave and condensation beneath cold stores, freezers and cabinets. Its wire heating elements can be shaped to any space, making it ideal for cold rooms with irregular layouts.

Screed-encased system for cold store floors

ThermaTrad is a proven solution for preventing frost heave or condensation when a new cold store or freezer is built.

It includes a system of heating elements, clipped to the sub base of the floor and covered with a concrete screed. This is covered by further protective and insulating layers, followed by the finished flooring material.



Custom product, ready to install

ThermaTrad is customised for each installation, with heating elements and power supply optimised for the size and situation of the cold store or freezer. We supply a complete installation kit (not insulation or concrete) with:

- ThermaTrad heavy gauge, stainless steel heating elements
- External cold tail cables attached
- Sensor probes in conduit
- Fixing clips
- Low voltage transformer
- Electronic controls
- Fitting instructions, with scale diagram of the installation and electrical diagram
- Customer maintenance instructions



Highly efficient control system

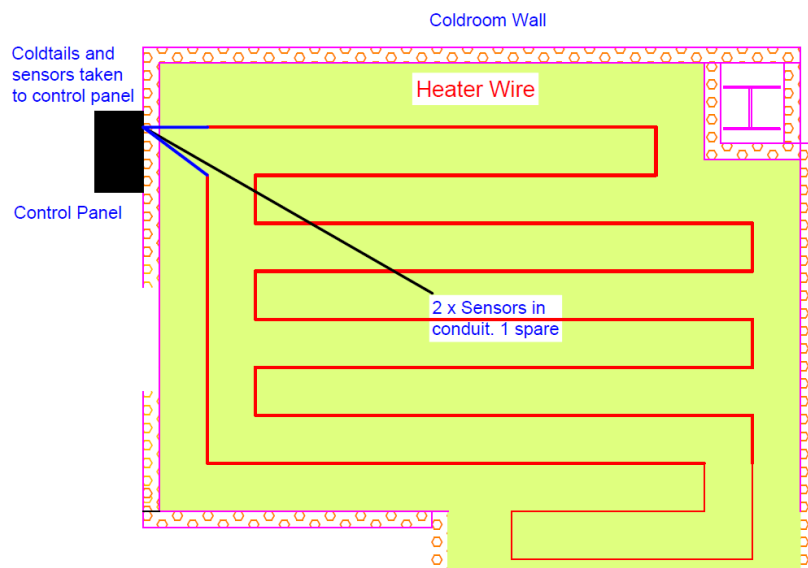
All ThermaTrad systems are driven by our innovative control panel. It includes a smart energy system which provides just enough heat to maintain the protective thermal barrier, while minimising energy usage.



The Thermatek control panel has visual indicators to show the system is working properly. It has connectivity for remote viewing, including interfaces to building management systems.

A typical ThermaTrad installation

ThermaTrad can be fitted in cold stores or freezers of almost any size or shape. The diagram below shows a typical installation with heating elements protecting the entire surface area of the sub-floor, with sensor probes alongside. The control panel with low voltage transformer is fitted in a suitable position outside the cold store or freezer.



Next steps

To order any of our products or to enquire about our expert design service, please email sales@thermatek.co.uk or call +44 1488 684 888.