



## ThermaThin – product information

ThermaThin is part of the Thermatek® product range for preventing frost heave and condensation beneath cold stores, freezers and cabinets. It is exceptionally thin, so it is ideal for cold stores and freezers with restricted height.

### Extremely low profile, foil system

ThermaThin provides effective protection against frost heave and condensation for freezers and cold stores where height is restricted, including those with in-situ floors.

ThermaThin is supplied as rolls of custom-sized heating sheet, just 2mm thick. It is laid on the subfloor with a slab insulation panel (not supplied) on top.



### Custom product, ready to install

ThermaThin is customised for each installation, with sheets and power supply optimised for the size and situation of the cold store. We supply a complete installation kit, including:

- ThermaThin sheets, supplied rolled
- External cold tail cables attached
- Low voltage transformer
- Electronic controls
- Fitting instructions, with scale diagram of the installation and electrical diagram
- Customer maintenance instructions



## Highly efficient control system

All ThermaThin systems are driven by our innovative control panel. It includes a smart energy system which delivers 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.

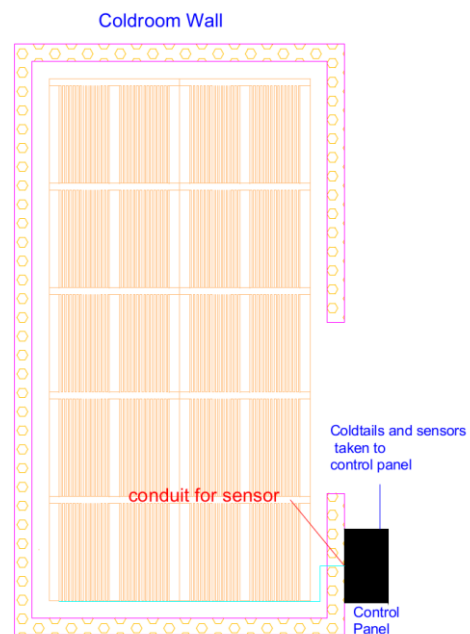
## A typical ThermaThin installation

ThermaThin can be fitted in cold stores and freezers of almost any size and are particularly well suited to those where height is limited and the floor space is relatively small.

The diagram to the right shows a typical installation with custom-sized ThermaThin sheets rolled out and laid edge to edge, protecting the entire surface area of the sub-floor.

The control panel with low voltage transformer is fitted in a suitable position outside the cold store.

If damage occurs to an individual foil repeat, for example a worker drilling right through the floor, the remainder of the system will continue to operate as normal provided the central 'buzz bar' has not been affected.



## Next steps

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