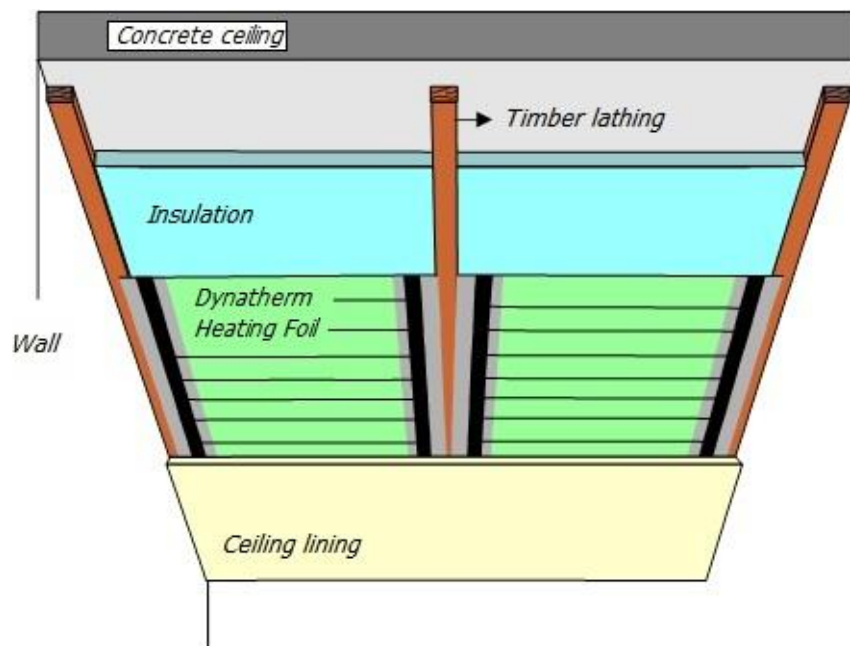


Ceiling Heating

The same principle applies to Ceiling Heating - because of the large surface area, the system can operate at a low temperature (max. 35°) to produce radiant heat. Another huge advantage is that a ceiling is something permanent and not needed for any other purpose.



The Heating Foil is stapled to a wooden construction fitted under the bare ceiling. The size of the lathing construction is determined by the width of the Dynatherm Heating Foil so the foil can be stapled to the wood without risk of damage to the heating bars or to the thermistor. Insulating material is used to fill out the space.

The finishing surface is the ceiling covering i.e. plasterboard, wood, etc.

Ceiling Heating is a radiant heat source and as such profits from the fact that energy is absorbed by objects or bodies in the room. It provides for excellent heat distribution so there is no difference in the temperature at various levels. The air near to the floor is as warm as the air higher up, for example at shoulder height and this equal distribution of warmth helps create a perfect atmosphere indoors.