

ESWA Infloor Heating

ESWA heating elements have been installed into the areas marked on your switchboard.

In order to maximise efficiency, comfort levels and running costs your system has been fitted with the latest Infloor sensing and regulation technology. For each room/zone with a heating element, there is a temperature sensor placed alongside the element. This will enable you to set an individual temperature for each area to suit your requirements.

The above method of control will enable benefits of solar gain to be made possible. This is because Enersave Infloor systems are self-regulating and, should the room temperature rise on a sunny day, the floor heat released into the room will fall sharply.

In the majority of installations there will be no wall-mounted thermostat. All controls will be situated at the switchboard giving free wall space in all rooms.

New System

It is important that when your Enersave Infloor Heating system is used for the first time, that the floor temperature is raised slowly over a period of time. This will reduce stress caused to the concrete slab during the drying out process. On **no account** should your system be switched on to dry out the concrete.

It is important that a floor is fully dried out before fixing floor coverings. Moisture level of the slab should be the level required by NZBC E2/AS1 (a relative humidity reading of less than 75%) or lower if required by the floor adhesive manufacturers.

Initial energy costs will be greater than subsequent periods due to the drying out process and bringing the thermal mass of the concrete up to temperature.

Commissioning

Commissioning of the system must be done gradually. In the first week set the temperature on the regulator (switchboard mounted) to 15°C with an increase to 20°C for the second and third weeks, set to 25°C for the fourth week and thereafter. Make adjustments to individual areas as required. With this system you may set different temperatures for each heating zone, the choice is yours.

Note: A temperature range between 25°C and 30°C is a normal setting for most domestic applications. This temperature relates to floor slab temperature and not the room temperature (this will vary between 18°C - 22°C depending upon ambient outside temperatures).

For further information on your heating system or other products
available from Enersave call free phone 0800-508-509.

ENERSAVE Products Limited

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