

PARKLEX 2000

INSTALLING PARKLEX 2000 OVER RADIANT HEATING SYSTEMS

(For Illustration Purposes Only)

1. GENERAL INFORMATION

1.1 How Radiant Flooring Works

Radiant floor heating systems work either by circulating hot water or through electric resistors. In these systems the coils formed by the heating pipes or resistors are built into 7cm thick flooring or are laid on sheets molded from stone or extruded polystyrene, covered with a 4-5cm thick mortar layer.

1.2 Installation Conditions

Parklex 2000 can be installed over flooring fitted with radiant heating, as long as a series of conditions are met regarding setting up the heater circuit, the installation of Parklex 2000 and the working parameters of the heating system.

2. INSTALLATION REQUIREMENTS

2.1 General Guidelines

In addition to the specific instructions outlined here regarding Installation over Radiant Systems, please refer to [Parklex 2000 Installation: General Guidelines for Floating Floor Installation](#).

2.2 Subfloor Conditions

Moisture and floor temperature are the two key factors that must be controlled for the floating parquet to work properly. The flooring must be totally waterproofed against any possible moisture in the subsurface and must be level and flat prior to installation.

2.3 Moisture Control

Moisture from forging, as well as from what is filtered from the surface mortar, can get stuck under the stone and polystyrene panels, creating difficult conditions during the time it takes for the flooring to set.

2.4 Checking for Leaks

Check that the water circuits have no leaks by pressurizing the boiler and subjecting it to the maximum temperatures that the boiler manufacturer and fitter recommend for starting it up.

2.5 Moisture Test of Flooring

The moisture in the flooring must be less than 2%. The heating system should be left on at 2/3 of its normal output for a period of no less than two weeks. At the end of this period the level of moisture in the flooring will be measured. If this level is still greater than 2%, then the heating will be left on until it is reduced to below 2%.

2.6 Disconnect System Prior to Installation

Two days before laying the Parklex, the heating will be disconnected.

2.7 Underlayment

Polyethylene or Decibel 1 blankets must not be installed as their conductivity is poor. They can be replaced by **corrugated cardboard** with a nominal thickness of 2.5mm, laid with its smooth side facing upwards. The cardboard will help to compensate for any small irregularities in the floor surface and to absorb sound.

2.8 System Check

Prior to checking the function of the radiant heating system, wait until the flooring has finished setting (3 to 4 weeks).

2.9 Regulation of Heating System

Once the Parklex has been installed, the heating must be regulated so that the surface temperature of the floor does not exceed 25°C (77°F); any sudden change in temperature must always be avoided.

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