

Par-ky is compatible for installation on floor heating.

1. Thermal resistance/conduction

The thermal resistance gives an indication of the energy loss through the floor. A value below 0.15 m²K/W means that the floor is compatible for floor heating. As illustrated in the table below, Par-ky is compatible for floor heating.

	Par-ky [®] twist ⁺	Par-ky [®] deluxe ⁺	Par-ky [®] sound ⁺	Par-ky [®] lounge	Par-ky [®] pro
Thermal resistance	0.0820 m ² K/W	0.0997 m ² K/W	0.0820 m ² K/W	0.0493 m ² K/W	0.0430 m ² K/W
Thermal conductivity	0.122 W/mK	0.100 W/mK	0.122 W/mK	0.203 W/mK	0.230 W/mK

2. Different systems

The floor can be installed on a wet or a dry floor heating system. A wet system means that the heating tubes are inserted directly into the concrete slab. A dry system means that the tubes are inserted into a frame off polystyrene foam.

Following procedure has to be followed during installation on floor heating:

Wet system:

- ▶ The concrete slab has to be dry before initiating the installation (humidity < 1.8 %).
- ▶ The tubes need to be integrated in the concrete slab and should not be visible at the surface.
- ▶ Always use a moister barrier underneath the floor. This avoids condensation between the floor and the concrete slab.

Dry system:

- ▶ This is the most efficient method of floor heating.
- ▶ A moister barrier is obliged.

ALWAYS REED THE GUIDELINES OF THE FLOOR HEATING MANUFACTURER. THEY SHOULD PROVIDE ADDITIONAL INFORMATION IF REQUIRED!



3. Installation instructions (wet and dry system)

The floor heating has to be shut down several days before the installation. Also control the temperature fluctuations and humidity differences in the room.

The room temperature has to be in-between 10 and 20°C and the relative humidity in-between 45 and 60%. The Par-ky boxes need to be in the room at least 3 days before installation. The temperature and the humidity of the floor will reach the same level as the room. This is very important for a proper installation.

After installing your Par-ky floor, respect the following steps to start up your floor heating:

1. Heat up the floor heating system to 20°C for 2 days
2. After these 2 days, increase every day 5°C till the system reach 35°C
3. Keep it for 5 days at 35°C
4. After these 5 days, decrease the temperature with 5°C every day till 20°C
5. Afterwards you can increase the temperature but the heating can't be higher than 28°C.