Floorheating protocol

General:	A floor heating system must be installed according to the instructions of the supplier/manufacturer. Incorrect installation can result in delamination or deformation of the screed and thus the floor covering. Damage to the floor covering due to incorrect installation or adjustment of the floor heating is beyond all liability of the supplier of the floor covering.
Before:	At least 28 days, after installing a new underfloor heating and screed, slowly heat up the underfloor heating water in steps of maximum 2°C per day to a floor temperature of maximum 28°C. Then let the underfloor heating burn at this temperature for 14 days. Before applying the leveling and new floor covering, switch off the underfloor heating at least 24 hours in advance. Only 2 days after the underfloor heating has been switched off can the new floor to be installed in the space for at least 48 hours of acclimatization.
After:	Switch on the underfloor heating 48 hours after installing the new floor covering and build up the water temperature in steps of a maximum of 2 degrees °C per day to a maximum floor temperature of 28 °C. The heat resistance of the floor covering, possibly including subfloor, may be a maximum of 0.15 m2 K/W with a traditional system. In a system based on geothermal energy, also called BKA system, the thermal resistance may be a maximum of 0.10 m2K/W. The thermal resistance can be calculated, if not known, by dividing the thickness of the material in meters by the coefficient of thermal conductivity. It is advisable not to vary the temperature setting by more than 2 degrees C between day and night in colder periods. With a BKA system, it is recommended to always leave the temperature at the same value, even during absence. An electric underfloor heating can be used directly under the SPC click floors. Strictly no soft (less than 400 kPa compressive strength) subfloor should be placed between the SPC floor and electric underfloor heating. An aluminum foil under the electric underfloor heating is recommended to minimize heat loss downwards. The electric underfloor heating must be of sufficient capacity to provide comfortable heating. The advice is at least 100 kW per m2.