

# floor<sup>4</sup>future

## Installation manual

floor 4 future 2-layer parquet is suitable for the installation on underfloor heating systems, if you observe the following information and if you install the parquet professionally by glue-down system.

### Substrate

- The screed must be standardly installed.
- During installation, the humidity of the screed may not exceed 1.8 % for cement screed and 0.3 % for anhydrite screed ( measured as per CM-method ).

### Heating

- Cement screed needs a curing time of approx. 4 weeks, if dry climatic conditions prevail.
- At first the outgoing water temperature of the heating should be increased daily by 5° degrees Celsius, until the maximum heat output is reached.
- For every cm of screed thickness, heat one day at full heat output. That is to say 6 cm of screed should be heated for 6 days.
- Ventilate the room well. Avoid draft.
- Turn down the outgoing water temperature by 5° degrees Celsius daily, until you have reached approx. 18° degrees Celsius on the surface.
- This procedure should also be used for heated screed and during the summer time.
- A heating protocol including screed humidity is necessary.

### Installation

- You should install the parquet at a room temperature between 18 and 24° degrees Celsius and at approx. 18° degrees Celsius surface temperature of the screed!
- The parquet in closed cardboard boxes should acclimatize unopened for at least 24 hours inside the room, in which it is going to be installed.
- Relative humidity at installation should be approx. 45-65 %.
- Observe 10 mm expansion joint at all fixed components.
- Install parquet strips preferably longitudinal to the light incidence.
- The first parquet row should be installed in a straight line with the tongue towards the wall.
- The strips should be laid into the adhesive and afterwards tongue and groove should be connected by pressure of the hands or by using a hammer and a tapping block.
- If needed, the parquet strips have to be weighed down with weights.
- In the following 7 days, please keep the surface temperature of the parquet at 18° degrees Celsius.
- Excess glue should be removed immediately.

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### After installation

Please raise the flow temperature by 5° degrees Celsius per day, until the surface temperature of the parquet has reached approx. 25° degrees Celsius. The maximum surface temperature is 29° degrees Celsius.

### Indoor climate

Please observe a relative air humidity of approx. 50-65 % indoors. During the winter, heated rooms have often only approx. 30 %. In that case the wood dries out considerably and joints and gaps tend to appear. If that is the case, please use electric humidifiers.

These changes in the wood are no cause for complaints.

Wood species like beech and maple tend to have a higher appearance of joints and gaps.

This is characteristic of these species and therefore no cause for complaints.