

MOSO® Bamboo Flooring

Floor heating / cooling

Attention: by installing a bamboo (or any other natural material) floor onto floor heating your floor will dry out more than in normal circumstances and can therefore shrink. This can lead to seams between the boards, cupping and even small cracks on the surface. To minimise this, you need to create optimal room conditions: a temperature of approx. 18-21°C and a 40-65% relative air humidity (use a hygrometer + thermometer to monitor this).



Not all MOSO® Floor types can be installed on a floor heating/cooling system. In the installation instruction or the datasheet of your MOSO® Floor you will find whether it is suitable for installation on floor heating or not. If your selected MOSO® Floor is suitable, please make sure the following conditions are met:

- The installation can only take place after determining the moisture content of the subfloor by means of an acceptable concrete moisture (Calcium-carbide method) test. This value should be below the values as indicated in the installation instruction.
- MOSO® Flooring can only be installed on electrical floor heating systems when the capacity is lower than 80 W/m². On top of the electrical heating elements there should be a heat distributing layer of at least 4-6 mm (for example levelling compound).
- MOSO® Flooring can only be installed on floor cooling systems when they are equipped with an anti-condensation device.
- The heating/cooling system should be placed throughout the whole room (at least 95% coverage of floor area).
- The slab should at least be 50 mm thick (for water systems, minimal distance from the surface to the tubes: 35 mm).
- The flooring should be fully glued to the subfloor, with a glue which is suitable for using on a floor heating system and must be applied according to the manufacturer's instructions.
- Alternatively MOSO® Bamboo Excellence and MOSO® Bamboo Elite Premium can be installed floating on floor heating. Installation instructions for floating installation for the specific MOSO® Bamboo Flooring products shall be followed and the underlay should be suitable for floorheating.
- Temperature measurement 'probes' should be built in on each heating loop.
- During installation of the flooring the heating system should be turned off and the subfloor should be cooled off.
- The heating system should not be used until 2 weeks after installation. The system should be warmed up slowly and the surface temperature should never exceed 29°C.
- For both cooling off and heating up we advise to do so in small steps of approx. 3°C per 48 hours.
- Make sure the climate in the room is controlled well. Optimal room conditions are a temperature of approx. 18-21°C and a 40-65% relative air humidity (use a hygrometer + thermometer to monitor this).
- If a carpet (or other big object) is placed onto the floor during heating the above mentioned phenomena (seams between the boards, cupping and even small cracks on the surface) can be expected in a more severe extent (heat build-up).
- Whilst all due care is taken to ensure the accuracy of these instructions, individual circumstances (location, sub floor and installation procedures) may vary and are beyond the manufacturer 's control. In case of doubt, therefore, consult your MOSO® Dealer.