

OVER IN-FLOOR HEATING GUIDELINES



The prescribed heating protocol must be followed regardless the time of year.

Our warranty will not apply if the guidelines are not followed.

Wood is always subject to shrinkage and /or expansion dependent on changes to temperature or humidity.

To avoid on going issues with your flooring it is important that the in floor heating system be correctly operated.

FLOOR HEATING GUIDELINES

- All sawn cut timbers up to a maximum width of 200mm are compatible with underfloor heating.
- It is important that the total timber thickness is no greater than 20mm
- We recommend that you install a Fidbox to record the humidity and temperature.in the floor, substrate and room
- Hot water floor heating systems require minimum 30mm concrete floor substrate.
- The substrate must be at least 28 days old before turning on the under floor heating system.
- The level of moisture in the concrete substrate cannot exceed 5%
- The wooden floorboards must be allowed to acclimatize for at least 48 hours in their unopened packaging in the room where they are to be installed.
- Two days prior to installation the heating system must be turned off.
The room temperature, however, cannot drop below 18°C during installation.
- We recommend installation with a water-free adhesive.
For more information consult your adhesive supplier.
- Nails cannot be used when installing a floor over in floor heating.
- After installation of the timber flooring the in floor heating must be operated in accordance with our heating protocol.

NOTE

- Installation over hydronic (water) radiant heating is warranted, not over electric radiant.
- A wooden floor should not be installed over in floor heating systems installed prior to 1990.
- Ensure that your under floor heating system is suitable for use with wooden floors.
- Beech, Ash, Maple and Jatoba Brush box, Blackbutt and numerous Australian species are woods that easily warp and are not recommended for use with in floor heating.
- Wooden floorboards must be allowed to acclimatize for atleast 7 days in room where to be installed.
- In hydronic (water) systems, moderate checkings, crackings, (especially at the end of boards and around knots) shrinkage,gapping between planks and slight cupping are all to be expected & do not constitute a product defect.

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HEATING PROTOCOL

- Day 1. The temperature of the in floor heating system should be set to 20°C.
- Following days. The room temperature should only be increased by a maximum 1°C every 24 hours to a maximum timber surface temperature 27°C.
- Avoid temperature fluctuations. The procedure must be followed in the reverse order when the system is switched off. Recommendation: do not set the thermostat to a low level in the evening and to a high level in the morning
- To complete heating protocols please allow approximately 14 days. During this process, ensure that there is good ventilation in all the rooms to properly discharge any released moisture.

HUMIDITY

Wood is a natural product and reacts to the conditions of the room in which it is installed. Shrinkage or cracking can occur when the humidity is too low.

The best condition for a wooden floor is a relative air humidity of between 40% and 65%. Shrinkage may occur when the relative air humidity is lower

If this occurs a humidifier will be required.

Regardless of the above, it is possible that gaps, cracks or checks may appear in timber installed over in floor heating.