

Read these instructions fully before you start any installation work over Radiant (In-Slab) Heating. Incorrect installation will void any warranties applicable.

Max Floor Grande XXL can be installed over Radiant (in-slab) floor heating. Please ensure that the heating is evenly distributed and the floor temperature does not exceed 29°C.

INSTALLATION OF XXL LAMINATE OVER RADIANT HEATED FLOORS

The radiant heating system must be installed to specification by a certified installer with full operation detail made available in-line with the relevant building codes and standards. Particular attention must be paid to heating system, sub floor and overlay flooring limitations.

CONCRETE SUB FLOOR

Prior to starting the installation of your Max Floor Grande XXL laminate, the substrate must be sufficiently dry and free of residual moisture. This must be checked, ensuring suitable substrate moisture levels whether it is a new or existing substrate.

Prior to testing moisture levels, a standard sub floor cure rate is advised as follows:

- 1 week per centimetre for a concrete base, up to 4 cm thick.
- 2 weeks per centimetre for a concrete base, over 4 cm thick.
- Concrete/screed must be at least 21 days old (moisture test completed).
- Prior to Laminate install, the heating must be slowly introduced to the sub floor by gradually increasing the temperature (5°C per day) for at least 2 weeks prior (Important to have the laminate on-site to acclimatise also).

INSTALLATION OF LAMINATE FLOORING

Once the substrate is confirmed as acceptable/ ready for XXL flooring installation:

- The radiant heating must have been turned off, allowing the substrate to cool for two days (target temp 15-18°C).
- Overlay flooring is to be installed with full expansion allowance (refer to installation document).
- The heating system must remain turned off for 3-5 days. After this time the sub floor heating can be gradually introduced. Increasing by 3-5°C per day to a maximum temperature of 28°C (This is the maximum substrate temperature.)

IMPORTANT NOTES

These are added notes for sub floors with radiant heating – please always refer to the overall installation detail provided as balanced guideline.

- During heating, the joints may open slightly which is a normal part of the expansion process. Any accumulation of heat under the carpets or furniture items should be avoided. Expansion joints of at least 10 mm are paramount around any fixed element.
- When using radiant flooring, it is crucial to limit the number of m2 of installations to 10x8m2.
- Temperature changes must occur gradually throughout the life of your installation. Forced heat changes through climate conditions or heating changes without gradual process will impact the performance and longevity of your flooring installation.
- Careful consideration to added floor coverings while running your in-slab heating system is advised.
- It is important for the environment inside the room not to be too dry during heating sessions. For temperatures ranging from 18-22°C, the relative humidity should be approximately 60%. If it is too dry, an air humidifier is to be used.
- Prior to installing the flooring, install the UNDERLAY covering the entire floor area. Ensure that the end of one piece and the start of a new are well fitted and sealed with a 50mm P/E tape such as Davco Bond Breaker Tape.
- A moisture seal of the substrate or P/E sheet may be required prior to underlay installation.