

Lamett®

Passion for floors!

UNDER-FLOOR HEATING

Lamett Flooring wooden floor are ideal for placing on top of a well-functioning under floor heating system. This results in an ideal thermal distribution throughout the area to be heated and providing maximum living comfort.

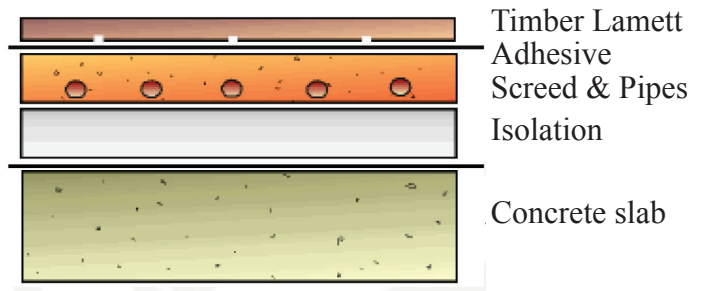
As flooring on under floor heating must be laid in a very professional manner, the installer is always responsible to ensure that the basic instructions of installation are observed very carefully. Within the scope of these brief instructions below, the subject obviously cannot be dealt with exhaustively because of the wide variety of floor-heating systems. Therefore proceeding with an installation on an under floor heating is always at the responsibility of the installer. For any hesitations, a detailed report about the floor heating system should be sent to our technical advisory service which will approve installation or not.

BASIC INSTRUCTIONS TO OBSERVE VERY CAREFULLY

- The heating pipes should be covered by at least 30 mm of cement sub floor

- Careful professional installation of the sub floor (it must be solid, especially with good surface stability, etc.) is important for good quality in all types of floors.

- Maximum sub floor moisture measured with the CM instrument:
Cement 1.5% 2.3% without floor heating
Flow anhydrite 0.3% 0.5% without floor heating



- After the sub floor has essentially reached its final consistency, the heating should be run for at least 14 days. It is sufficient run the system at approx. 2/3 of the maximum flow temperature. In the middle of the pre-heating period, the heating power should be turned up to the maximum temperature for at least two days. One or two days prior to installation of the parquet, the heating should be turned off, or depending on the outdoor temperature, reduced until the surface temperature of the sub floor falls below approx. 20°C. In the case of prefinished parquet (90% or the range of Lamett Flooring), it is best to restart the heating in steps (ca. 5 °C/day) ca. 1 - 2 days after laying. In the case of conventional unfinished parquet ca. 1- 2 days after sealing.



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- Shrinkage gaps cut in the sub floor in the case of large areas must be filled with polyester, epoxy resin or the like before laying. Expansion joints from construction or dilatation gaps considered absolutely necessary by the heating engineer must be replicated in the flooring.
- As a general rule, the thermal resistance of a floor covering (which can never be stored in a room with high humidity prior to installation) should not exceed ca. 0.17 m²K/W. All Lamett Flooring parquets (except the solid range) lie in the ideal range, between 0.072 and 0.12 m²K/W depending on which under layer is used.
- Good quality adhesives with good temperature stability must be used for laying.
- The surface temperature of the parquet should not exceed 26°C (also for physiological reasons)
- To avoid shrinkage and swelling you need to keep the relative humidity in the room between 55-65%. Furthermore, the operation of room air humidifiers is in the interest of the occupants' well-being and is hence to be recommended during the heating period.

GENERAL REMARKS

- No carpets with insulating effect must be used on top of the floor as this accumulates heat.
- Under-floor heating systems usually result in slightly more movement in the hardwood flooring and the formation of some cracks during the heating season must be accepted if moisture is not supplied to the surrounding air.
- National recommendations may vary slightly.