



## Installing Cheville flooring over under-floor heating

Put Cheville engineered wood flooring can be installed over under-floor heating provided the following measures are observed.

In the case of newly laid screed, this must be allowed to dry naturally without turning on the heating. Allow a 2 weeks drying time for every cm thickness of floor screed thickness.

Moisture content of screed should not exceed 2% through the whole thickness. If the floating method is used, a damp screen (PVC sheet) should be used between the sub-floor and the underlay.

The temperature on the underside of the wood should never exceed 27°C. Exceeding this temperature will cause the boards to gap and open up at the joints, crack or delaminate

To monitor the temperature, a floor probe should be sited beneath the flooring and the thermostat air temperature will be limited and overridden by the temperature from the floor probe i.e. the probe when wired to the thermostat will prevent the heat beneath the floor from exceeding 27°C

The wood should be stored in the packaging in the area to be installed for at least four days prior to fitting with the heating on at a comfortable room temperature.

If a glue down method is used, a semi flexible adhesive e.g. F. Ball & Co B95 or Bona 848 or 850 should be used.

Before commencing the installation, reduce the temperature to 17°C and maintain this temperature for a further period of three days after installation. After this time, the temperature can be increased by 3°C per 24 hour period until a comfortable room temperature level can be achieved (without exceeding 27°C below floor temperature)

A room temperature of 18-22°C should be accompanied by a relative humidity of 50-65% RH. It should be remembered that it is humidity that carries the heat so the drier the environment, the colder the room will feel. Humidity can be easily introduced and regulated by the use of a small electric humidifier.

Rugs carpets and mats should not be used as these can greatly increase the surface temperature of the wood flooring .

Slight opening of the joints cannot be avoided and for this reason bevelled edge boards will give a better visual appearance.

