FLOORS4EVERUK

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TECHNICAL GUIDE TG04

Wood Flooring over Underfloor Heating

Version 1 · November 2026 · For the flooring trade

> Figures marked **(BS 8201)** follow BS 8201:2011 *Code of practice for installation of flooring of wood and wood-based panels* as published by leading UK suppliers and the Wood Flooring Association. Other figures are Floors4Ever recommendations. Where the adhesive, underlay or heating manufacturer gives stricter instructions, follow theirs.

Our engineered floors are suitable for use over water-based underfloor heating when this guide is followed. For electric systems, check with us and the heating manufacturer before ordering. We do not recommend solid wood over underfloor heating.

1. Key limits

Item	Requirement
Floor surface temperature	**Never above 27°C at any point**, including under rugs and furniture **(BS 8201)**.
Room conditions	15–25°C and 45–65% RH, all year round.
Temperature changes	No more than **2°C per day**, up or down.
Screed moisture	Below 65% RH by hygrometer before installation **(BS 8201)**.

2. Before installation

1. The heating system must be fully installed, pressure-tested and commissioned.
2. Run the system at normal working temperature for **at least 14 days** (21 days for new screeds) to drive out remaining moisture from the screed.
3. Set the system so the floor surface can never exceed 27°C (limit the flow temperature at the manifold and use floor sensors).
4. Acclimatise the flooring as TG01 with the heating running.
5. Switch the heating off, or down to about 18°C, **48 hours** before installation and keep it there during installation.

3. Installation

- **Fully bonded** installation with a flexible adhesive approved for underfloor heating gives the best heat transfer and is our preferred method.
- For floating installation, use an underlay approved for underfloor heating with a low thermal resistance, and a vapour barrier over screed.
- Follow TG02 for expansion gaps and laying.

4. After installation

1. Leave the heating off (or at the low setting) for at least **48 hours**, or longer if the adhesive manufacturer requires a longer cure.
2. Raise the temperature by no more than **2°C per day** until normal working temperature is reached.
3. Make every later change in the same small steps, especially at the start and end of the heating season.

5. In use

- Do not use thick rugs or rubber-backed mats, which trap heat. Do not run the heating while the floor is covered with protection.
- Small gaps between boards in the heating season are natural movement, not a defect.
- The customer is responsible for keeping these conditions before, during and after installation. Damage from overheating or rapid temperature change is excluded under our Terms and Conditions of Sale (clause 12.4).
