

BESWICK OAK

Engineered Oak Floors Underfloor Heating Installation Information

ALL WET WORKS SHOULD BE COMPLETELY DRY BEFORE ACCEPTING WOOD FLOORING TO THE SITE. THIS INCLUDES PLASTERING, RENDERING AND IDEALLY DECORATING. THE MOISTURE READING FOR A NORMAL CONCRETE SCREED MUST BE LESS THAN 2% AND THE ROOM HUMIDITY SHOULD BE BETWEEN 45% AND 65%.

Store the boards in the conditions they are to be fitted for 7 – 10 days to allow them to acclimatise. Open the ends of the cartons to allow the air to penetrate and store them at least 50mm off the ground and 500mm from any wall.

Any wood is hygroscopic and therefore has the ability to attract water molecules from the surrounding environment through either absorption or adsorption, so any wet trades (plastering etc.) should have been completed & be completely dry before receiving the boards.

The underfloor heating should have been commissioned and run before fitting.

Before fitting, turn off the heating for 48hours and allow the floor to cool.

When installing onto a sand & cement / concrete screed it is prudent to apply a sealant, the one we recommend is a BONA product: Bona R410 is a solvent and water-free, 2-component epoxy resin, suitable for damp proofing concrete or cement subfloors, or for use as a sealer/primer prior to the application of a suitable adhesive or levelling compound. Coverage: as a primer 20sqm per litre, as a damp proofer 10sqm per litre.



However, if the screed is an anhydrite screed (calcium sulphate) it should not be sealed at all though the moisture content ideally should be 0.05% or less.

Adhere the boards direct to the screed with BONA Quantum adhesive using the 3mm notched trowel method to avoid any necessary voids.



After fitting do not switch on the underfloor heating for 48hours to allow all adhesives to cure.

After 48hours turn on the heating at its lowest level (probably 18degrees) and run it for 72hours at that temperature.

After 72hours increase the temperature by 1degree every 24hours up to a maximum of 27°C at the finished floor level.

NEVER EXCEED 27°C SURFACE TEMPERATURE AT THE FINISHED FLOOR LEVEL.

NEVER clean the floor with water – for spills a well rung out damp cloth can be used to remove any residue.

Always use the appropriate maintenance kits and materials to ensure your floor remains pristine.