

Instructions for Installation

PRE-COATED T&G DIRECT STICK TO CONCRETE OR OTHER HARD SURFACES

You MUST COMPLY with the use, handling, preparation and instructions as set out in the document available from; www.fwprdc.org.au called 'Timber Flooring – VERSION 1 – December 2005' © 2005 Forest & Wood Products Research & Development Corporation

In addition;

- YOU MUST make sure the concrete is **below 3%** moisture content and will **stay below 3% during the life of the floor** OR apply a waterproof paint-on coating that will prevent ALL water and water vapour from penetrating the wood.¹ If you direct stick to wet surfaces without the moisture seal, then the timber floor supplied will FAIL.
- If the surface is not level to within $\pm 3\text{mm}$ over 2.4m then either grind it to level or coat with a levelling compound. If you add water in the levelling compound then ensure it is dry to 3% MC or seal before installing the wood.
- Tiles may be covered provided they are structurally sound & secured to whatever is supporting them. The wood WILL impose strong sideways forces on the supporting structure and normal cement grouts ARE NOT strong enough.
- Where possible and desired, lay boards parallel to the longest wall in the room.
- Ensure straight installation use a chalk line 12mm from the wall to establish a straight line.
- Apply [Kleiberit PUR Parquet Glue 567.0](#) adhesive in accordance with the manufacturer's instructions to the floor, one board wide, keeping the chalk line visible. 100% floor cover by glue is required.
- Using concreting plugs and screws to fasten a row of boards on this line, with tongues facing the away from the wall. The screws should be installed on the groove side under the location where the skirting boards will later cover the screw head. Explosive fasteners may also be used provided the wood is not split in the process. ALSO USE weights to hold the boards flat to the surface. Weights must be left in place until the glue is set. The pressure required for the glue to properly adhere is 10kg/m^2 .
- ALWAYS leave expansion gaps (minimum 12mm) along all walls and fixtures in the floor. Place 12mm spacing blocks/strips along one end to

maintain the gap while boards are being placed and glued down. All spacing blocks/strips are to be removed once the floor laying is finished.

- Continue to apply 100% cover of glue to manufacturer's instruction and weigh the boards down with 10kg/m^2 . Spread only enough for 3 or 4 boards at a time.
- If the supporting surface is not level or the boards are not sitting down onto the supporting surface they must be held down using extra weights so that the boards are in constant, firm contact with the adhesive. IF in doubt – HOLD DOWN! And keep holding down until the glue is completely cured.
 - Ensure each board is pushed against the already installed boards so that there is a small gap of 0.2mm. Use plastic or other spacing devices to achieve this. Cramping can be done by the use of 'strap cramps' with up to 3 boards being cramped at one time. Glue must not develop a skin before boards are placed on the glue and cramping is to be done before any skin develops on exposed glue and ALWAYS WITHIN 10 minutes of glue application.
 - Close all end gaps so there is no gap. Use cramping blocks except at the end of a run where the end of the board will be covered by the skirting.
 - Working from left to right or right to left and use the off-cut from the end of a run as the start piece for the next run to minimise waste.
 - Start all new rows with a board at least 400mm shorter or longer than the strip used in the previous row. This will prevent end joints from clustering or aligning throughout the floor.
 - You must install 20mm wide expansion joints² spaced no more than 6m apart in the across the grain direction.
 - Scribe & cut the last board to fit allowing for the 12mm expansion gap along its whole length.
 - Clean up excess adhesive in accordance with the glue manufacturer's instructions.

¹ See Data Sheet "WATER VAPOUR PUMPING INTO SUBFLOOR SPACES"

² See Data Sheet "Expansion Joints"