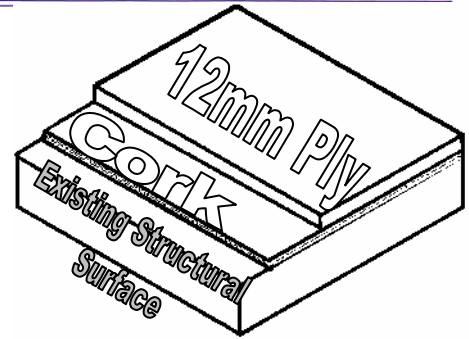


Instructions for Installation of ACOUSTIC UNDERLAYS

- After the acoustic underlay is installed the installation of the flooring is to be completed as per the instructions for PRE-COATED T&G DIRECT STICK TO EXISTING WOOD, PLYWOOD OR PARTICLE BOARD.
- This process is only SUITABLE FOR USE when fastening to existing plane surfaces and not DIRECTLY ONTO JOISTS. If joists or battens are to be covered then install a sheet floor before commencing.



You MUST COMPLY with the use, handling, preparation, instructions and requirements 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 PO Box 69, World Trade Centre, Victoria 8005 See appendix A4 for information about Acoustic Performance

WARNING -Design of noise barriers to meet specific design requirements is not intended to be covered by this instruction. These instructions are for single residency domestic dwellings. Floors installed using this process with no other noise transmitting mechanisms will usually comply with multi-residency requirements but independent expert analysis MUST be obtained. Do not rely on this.

Underlay thicknesses of 6mm provide more insulation than 3mm. For information on the typical noise reduction achieved by 6mm cork underlay we supply please see our product information sheet "Cork Underlays".

- An existing surface that is to be covered needs to be level to within $\pm 3\text{mm}$ in 2.4m and suitable to fasten flat sheets to. If the surface is not level then it must be levelled by grinding or sanding or filling.
- Acoustic cork sheeting is to be fastened on the floor to cover the entire area. Use Kleiberit PUR Parquet Glue 567.0 flooring adhesive to glue the cork in position and make sure butt joints are held firmly together – no gaps!

Apply the glue with a 3mm notched trowel in accordance with the manufacturer's instructions and 100% of the floor is to be covered by glue.

- If covering concrete above 3% moisture content then the concrete must be sealed before

the cork is installed with a paint-on water proofing compound that will prevent all water and water vapour from escaping from the concrete.¹

- Install plywood 12mm minimum thickness suitable for flooring underlay. Sheets may be installed in a 'brick' pattern or at 45° to the direction of the strip flooring with a 6 mm gap between sheets and a 10 mm gap to ALL walls. Use Kleiberit PUR Parquet Glue 567.0 flooring adhesive with 25% cover of the floor with no more than 75mm space between runs of glue. Hand-driven spikes or other fixing methods may be used with the fastening through the cork into the substrate where needed to hold the ply in position while the glue sets and to hold it down firmly onto the glue.
- Once the plywood is properly installed the flooring is to be installed as detailed in the instructions for PRE-COATED T&G DIRECT STICK TO EXISTING WOOD, PLYWOOD OR PARTICLE BOARD available from this company.

¹ 200um polythene plastic sheeting is commonly used as a water barrier. This is satisfactory for that purpose but it reduces the noise absorption of the floor and can result in a type of 'slap' if not well fixed. If this process is to be used then follow strictly the plywood fixing instructions in the document, 'Timber Flooring – VERSION 1 – December 2005'