



## **Guidance Notes for Installation of ElecoFloor 23 & 24**

ElecoFloor floor panels are supplied 2400mm x 600mm and are tongue and grooved on all four edges. ElecoFloor should be installed as a floating floor over a suitable concrete base. The concrete base must be flat and smooth and preferably screeded. The concrete floor must be fully dried out prior to installation of ElecoFloor. The surface must be free from all debris, with no sharp protrusions and in a clean condition prior to installation. ElecoFloor panels must be acclimatised to the use area for at least 24 hours prior to installation.

- The floor area should be carefully planned prior to commencing installation in order to minimise wastage. Start from one edge of the floor (working towards the exit) and ensure that joints are staggered in successive rows.
- Remove the backing from, and apply Perimeter Isolation Tape to the base of all perimeter walls immediately above the sub-floor. Ensure the wall surfaces are flat (plaster skimmed down to the level of the sub-floor). Any gaps will facilitate the unwanted transmission of sound through the floor.
- Scribe and cut the groove from the short and long edges of the first (corner) board in the first row, and the long edge from the rest of the boards in the first row. The cut edges will butt up against the isolation tape and ensure the integrity of the edging boards is maintained. The last board in the first row must be cut to length and the offcut carried forward to begin the second row, ensuring staggering of joints. Do not remove the long grooved edge from the offcut carried forward for use in next row.

Proceed as above towards the exit, ensuring edges butt neatly up to the isolation tape without a gap, but not compressing the tape. This is imperative in order to maintain acoustic insulation while making allowance for expansion.

It is imperative to ensure a tongue and grooved joint at all board joints. Tongues should be glued as the installation proceeds and joints pushed tightly together. As the floor is floating, care must be taken not to disturb previous joints as the installation proceeds which may result in excessive gaps between panels. The floor panels in the final row must be carefully measured, cut to size and eased into position to provide a neat abutment with the isolation tape without compression. The finished floor should not be walked on for a period of 48 hours in order for the glue to cure undisturbed.

Any unavoidable gaps around services and at flanking walls should be filled with a proprietary flexible acoustic sealant to avoid unnecessary sound leakage.

- Skirting boards should be fixed to the walls allowing a 1 - 2mm gap between the base of the skirting and the ElecoFloor.
- ElecoFloor is normally supplied with a strippable protective membrane to prevent ingress of dust and moisture during installation. To complete this protection, the joints should be sealed with the correct grade of sealing tape. Note: The membrane is not designed to provide long term exposure to the elements and excess water should not be allowed to lay on the floor surface.
- As with all acoustic installations, the utmost care is necessary with installations to ensure maximum sound attenuation is gained.

Please note these installation notes are for guidance only and may need variation from site to site.