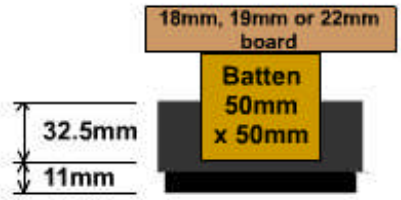
ISOCHECK ACOUSTIC CRADLES

ACOUSTIC CRADLE SYSTEM
Custom Audio Designs IsoCheck Acoustic Cradle System reduces the transmission of impact and airborne sound through concrete floors by acoustically 'isolating' the top floor surface from the structural floor. The Acoustic Cradle consists of a high performance recycled, high density, 10mm resilient Isolate C rubber base which, unlike similar products, has excellent static deflection properties as well as the advantage of 'long life' as it will not degenerate over time like foam backed products do so the performance will always remain the same.

Using the Acoustic Cradle System with our 2mm, 3mm and 5mm Acoustic Cradle 'Packers' allows level floors to be constructed even when the base concrete floor slab is uneven. The packers are simply inserted into the cradle underneath the battens.

When increased finish floor heights are required to cater for specific design criteria, deep services or very uneven sub-bases, we can supply an interlocking 15mm or 30mm deep cradle base packer which simply slots in underneath the main cradle. The cradle base packers may be used in multiples to achieve the desired finished floor height.

When installed as part of a complete party floor construction this system enables a concrete floor to meet the sound transmission standards of Approved Document E 2003 (amended 2004).

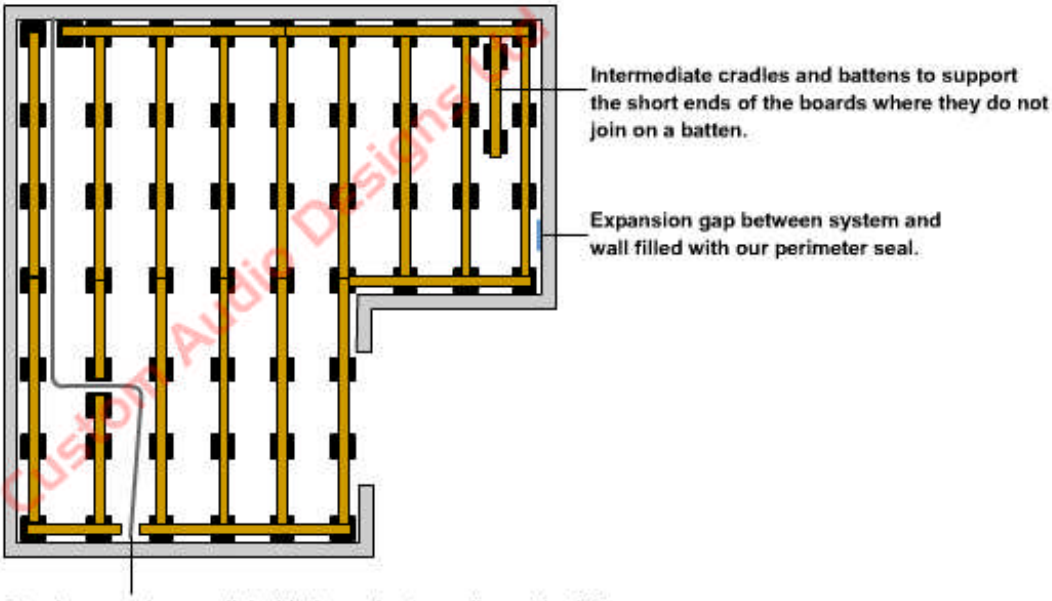


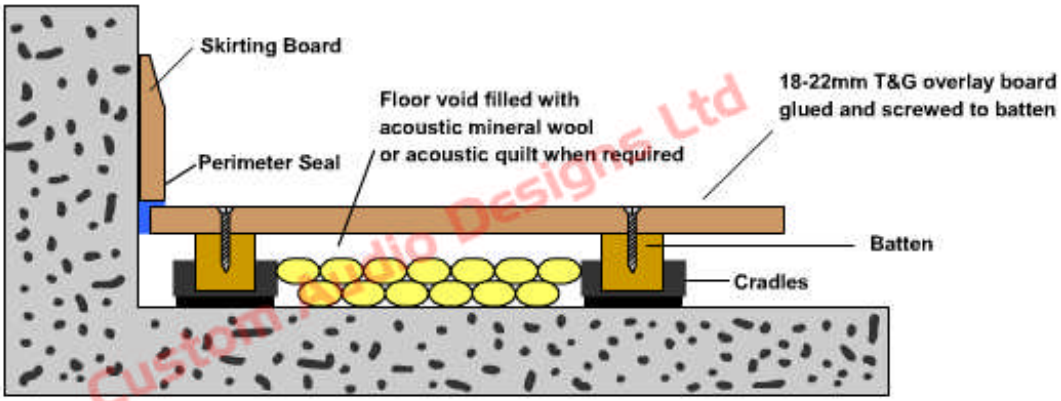
SPECIFICATION
The Acoustic floor shall be:

- Isocheck Cradle System (complete with leveling packers) by Custom Audio Designs Ltd, Unit 2, Amey Industrial Estate, Petersfield, Hampshire, GU32 3AN and installed in accordance with the manufacturers instructions / recommendations.

Installation

- Lay Isocheck cradle with 18mm, 19mm or 22mm chipboard deck in stretcher bond pattern on stress graded timber battens, with all joints supported, applying adhesive to all tongued and grooved joints
- Fix Isocheck angled Acoustic flanking strip on the edges of the chipboard just before they are pushed against the perimeter walls to isolate the boards from the wall.
- Install skirting and trim off excess Flanking Strip
- For full installation details see link below

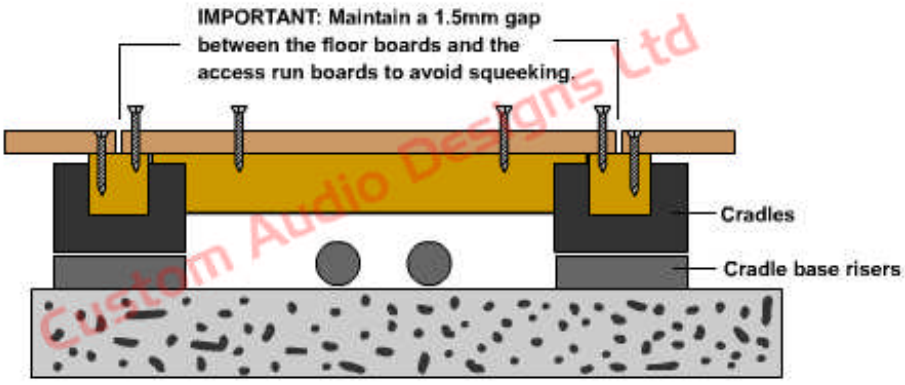




(A DPM may be required first over the concrete slab)

Access Runs

Access runs may be formed as required by the introduction of removable boards cut to suit. Ensure that the access run boards and adjoining floorboards are supported by the introduction of cross-battens located within the cradles. Additional battens and cradles may be required to suit the position of the access run.



Screw fixing pattern of overlay boards to battens