

Fitting Instructions

Site Preparation & Material Storage

The building / room should be dry and weather proof. A vapour barrier should be laid if there is a risk of moisture levels in the subfloor in excess of the minimum recommendations.

For concrete sub floor applications BS 8203 (i.e. 75% relative humidity) Materials should not be stored on site when moisture content exceeds 18%; materials should be stored in accordance with BS 8203.

Floor Preparation

The subfloor should be dry, free from debris.



Access Runs

Services should be kept at least 100mm away from walls and door-ways to allow for perimeter support battens. We recommend a gap of around 20mm is allowed above the height of the services to cater for clearance.

Perimeters and Door Thresholds

At all perimeters a continuous run of battens should be laid and at door openings additional 'double' battens should be used to support the surface deck on either side of the threshold.

Areas of Heavy Loading

In areas of high communal traffic such as corridors or areas of high loads such as bathrooms and kitchens, then the battens should be spaced at 300mm with extra cross battens installed underneath areas subject to high point loading (Baths / fridges / freezers / etc).

Floor Loading

Acoustic Cradle & Batten complies with BS6399-1 for domestic floor loadings:- 0.4kN.m2 Dead load & 1.5kN.m2 Distributed Load.

Corridors & Lightweight partitions build off acoustic floor

Where a timber based deck is used, an expansion gap should be introduced all round by an amount equal to 1mm for every 1 metre run.

Lightweight internal partition walls can be installed onto the acoustic floor but the layout must provide extra support by incorporating double battens (25mm apart) running continuously under the partition wall.

Fitting Instructions

Maximum Cradle & Batten Centres

Flooring Thickness	Batten Centres	Cradle Centres
18mm	400mm	600mm
22mm	600mm	600mm

- The figures for spacings in the table above are based on general domestic loadings.
- Prepare party wall surfaces down to the level of the sub-floor.
- Apply Perimeter Edging Strip to the base of all walls.
- Begin with a run of Acoustic Batten around the perimeter of the room with a 10mm gap between the wall and Cradle Base.
- Mark the appropriate batten centres along the length of the longest wall then install the rows of parallel battens in a staggered formation keeping with the specified cradle centres
- The deck sheets are laid with the long edge at 90 degrees to the battens and with the edges on the short side of the boards supported by extra sections of the Batten.
- The tongue and grooves of the Deck should be bonded using Waterproof PVA (when using screedpanel Ultra Screedpanel PU adhesive should be used) and can be secured through into the battens using number 8 screws at 300mm centres.
- Small gaps between the Perimeter Edging Strip and the surface board must be filled with Acoustic Sealant.
- Fold the perimeter edging strip down on top of the surface board to isolate the skirting boards. Trim excess off with a sharp knife after the skirting has been fitted

Note: When laying the deck it should butt up to the Perimeter Edging Strip without compressing it and any small unavoidable gaps between the deck and the edging strip should be sealed with acoustic sealant.

Disclaimer: The details contained in this Product data Sheet and Installation Guide are to the best of our knowledge correct. Please contact us for any site specific installation queries or latest information on product specification.