



TECHNICAL INSTALLATION GUIDE FOR KARMA ACOUSTIC BATTEN FOR FFT1 AND FFT3 ON E-FT-1, E-FT-2, E-FT-3 AND E-FS-2 ROBUST DETAIL SEPARATING FLOORS AND OTHER TIMBER SUB-FLOORS

- Lay the Karma Acoustic Battens around the floor perimeter, foam side down and leaving a 50mm gap from any wall. If at any point a shorter batten length is required, cut to size.
- Lay the Karma Acoustic Battens within the perimeter battens, staggering joints at 400mm centres if using 18mm chipboard and 600mm centres if using 22mm chipboard. The battens are to be laid perpendicular to the run of timber joists and the plank and chipboard must be run perpendicular to the Karma Acoustic Battens.
- Where a lightweight non load bearing partition is to be erected above the floating floor and runs perpendicular to the line of or directly above structural joists provide additional support by placing a double row of acoustic battens beneath the partition. When the non loading partition is not supported by structural joists create a ladder frame by placing cut lengths of batten perpendicular to the 2 adjacent rows of battens at 400mm centres.
- Position the Karma Acoustic Perimeter Strip around the floor perimeter.
- Install acoustic quilt in between the battens.
- In a brick bonded method, lay the plank on the battens, ensuring the joints are staggered, short edges are resting on a batten and leave a 10mm gap at the floor perimeter. Screw the plank to the acoustic battens using four drywall screws across the face, two 25mm in from each edge and two equidistant in between.
- Leaving a 10mm gap at the perimeter, lay the chipboard in the same direction as the plank, ensuring the plank joints are staggered from the chipboard joints. Spot bond chipboard to the plank and ensure the short edges of chipboard rest above a batten.
- Screw the chipboard to the battens through the plank using four countersunk screws across the face, two 25mm in from each edge and two equidistant in between.
- Glue continuously along the tongued and grooved joints, removing excess glue with a damp cloth. All joints must be tightly butted.
- Seal any gaps in the floating floor with acoustic sealant.

- Fold over the Karma Acoustic Perimeter Strip and trap it underneath the skirting board to ensure it is not in contact with the chipboard.

Showers Rooms and Bathrooms

A full platform of Battens should be installed under the location of WC pans to give support for the additional loading and the batten centres should be reduced to 200mm.

Kitchens

A Batten should be positioned under the leading edge of all base units to give additional support and the batten centres should be reduced to 200mm.

Doorways

Create a ladder of Battens using off cuts between the Perimeter Batten of adjacent rooms to give under joists situated in doorways.



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UK Timber Frame Association

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