

JCW ACOUSTIC BATTEN 50, 75 & TF80

PREPARATION

The base floor should be swept free of any loose debris leaving a smooth surface on which to place the JCW Acoustic Battens.

The installation of JCW Acoustic Battens should not commence until roof, window glazing and all wet trades are completed and the structure is watertight.

INSTALLING BATTEN 50,75 & TF80

The JCW Acoustic Batten is laid foam side down on the base floor (Fig.1).

A continuous run of JCW Acoustic Batten should be installed around the perimeter, spaced at 50mm from the walls. Battens should then be spaced at maximum 400mm centres for 18mm chipboard or maximum 500mm for 22mm chipboard.

As a guide, for each square metre of flooring, allow 3.3m of batten when laying at 400mm centres and 2.8m for 500mm centres. In areas of increased loading, eg. bathrooms and kitchens, batten centres should be closed to maximum of 300mm to provide support. Additional battens will also be required to localised areas of heavy loading (hot water cylinder etc.).

Butt flooring board to the flanking band at all perimeters.

A metal framed or counter batted ceiling should be fixed to the underside of the structural floor.

FLANKING STRIPS

To allow for the expansion and contraction of the flooring system and to ensure that the Perimeter Flanking Band is not affected by flanking transmission, JCW Acoustic flanking strip should be used around the perimeter of the room. The flanking band is positioned between the top deck and the wall and then the skirting is fixed on top. The excess is then trimmed flush to the skirting, See Fig. 2.

FIG 1: Laying Battens and Boards

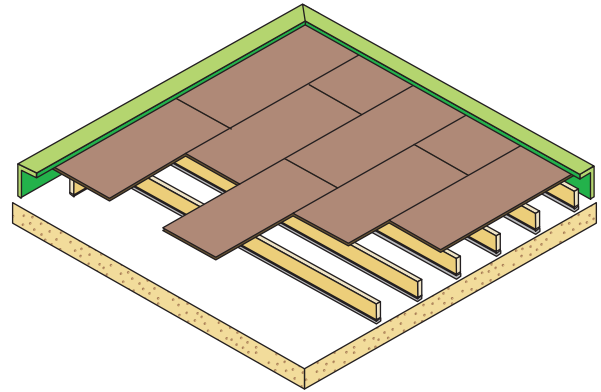
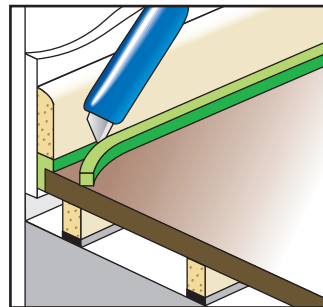


FIG 2: Trimming the Flanking Band



DOOR OPENINGS

Where edges of chipboard are butted together without tongues and grooves, a JCW Acoustic Batten must be placed across the opening and each sheet securely fixed to it. Glue all joints. Allow a gap between the batten, chipboard and door frame for flanking strips. Ensure that fire stops are fitted to the same standard as that required for fire doors.

CONTINUED OVERLEAF

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EXPANSION

An expansion gap should be left between the edge of the chipboard panel and the perimeter wall. This gap should be minimum 5mm. Flanking Bands must be placed around the perimeter and at door frames to ensure the flooring does not make contact with the perimeter.

CEILINGS

Ceiling boards should be installed prior to any dry-lining of wall structures to prevent potential flanking transmission, especially where 'dot and dab' is used.

INTERIOR STUD PARTITIONING

To minimise the effect of camber the floor area can be divided by erecting partitions on the sub-floor. Light weight internal partitions can be erected directly on top of the finished floating floor system. Plan the batten layout carefully to provide double battens under every partition.

ADDITIONAL SUPPORT

Where the edge of the flooring boards fall between a line of battens, or where there are concentrated loads such as baths, additional sections of batten are required. For joints in the boards place a section of accurate batten under the joint to support adjacent floorboards and fix as normal. This also applies to the placement of service hatches. For loads, a standard timber section (not JCW Acoustic Batten) is sufficient.

PROTECTION

It is advisable to protect the floor surface from any damage by following trades during the remainder of the construction period.

FIXINGS

Lay 18mm or 22mm chipboard over JCW Acoustic Batten. Bond tongued and grooved chipboard together using an appropriate adhesive. Screws may be used to fix chipboard as a supplementary measure but must NOT be allowed to penetrate foam layer in any way.

HEALTH & SAFETY

HANDLING

JCW Acoustic Battens can be awkward to lift. Please observe proper lifting methods when transporting them around site, by hand.

CUTTING

The cutting of JCW Acoustic Batten, either by hand or machine, will produce dust which may be an irritant if inhaled. Always use dust masks when carrying out any cutting operations.

STORAGE

The foam resilient layer on JCW Acoustic Batten is manufactured using polyolefin polymers, therefore battens should be stored in safe, dry areas and kept away from naked flames. A No Smoking policy must be strictly enforced.

INSTALLATION

For expert installation, we offer our own installation service anywhere in the UK. Your installation will be performed to the highest standards by skilled and experienced tradesmen. These experts understand the importance of fitting acoustic materials absolutely perfectly, and they have the specialist skills to ensure your JCW materials are fitted correctly every time. As they are both experienced and skilled, they are also able to provide a highly efficient and extremely cost-effective service.

For further details, call John C Wilkins Acoustic Installations on 01204 387 029.

IMPORTANT: Directions for use are given for guidance only and are not intended to form part of any contract. They should be varied or adapted to suit your particular materials or conditions of use. Goods supplied by the company are made to approved standards from the highest quality raw materials but no warranty or guarantee is given as to their suitability for any particular purpose or application, and no liability is accepted for any loss or damage arising directly or indirectly from the use of the Company's products irrespective of any information given to us as to intended use of such products. It is therefore recommended that prospective users should test a sample of this product under their own conditions to satisfy themselves