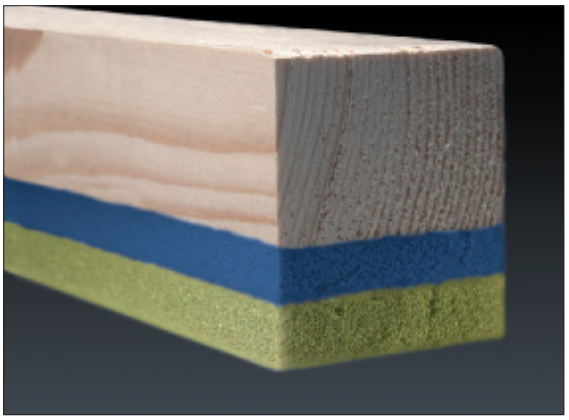
PROFLOOR DYNAMIC BATTEN

DESCRIPTION

Having been used for 20 years on a wide range of timber and concrete floors, the Profloor Dynamic Batten provides excellent levels of impact and airborne sound insulation. The unique dual foam not only provides the performance characteristics but enables minor irregularities in the surface of the sub-floor to be taken up.



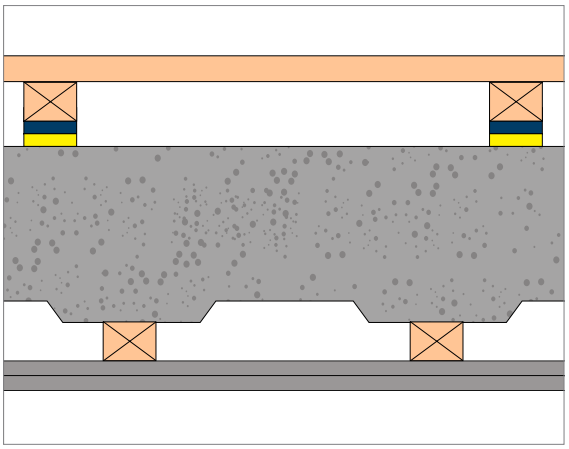
An acoustic insulation batten for party floors in new build and refurbishment of timber joisted or concrete floors

KEY FEATURES

- Robust detail compliant **FFT1 & FFT3**
- Designed to improve both airborne and impact sound performance.
- Foam will not degrade through time unlike some fibrous materials.
- Can be used on Timber or Concrete floors.
- Moisture resistant impregnated battens are available.
- Non-load bearing partitions can be built off the finished floor level.
- Foams are resistant to biological attack.
- Timber in battens is kiln dried to below 20% moisture content.

ADVANTAGES

- Significantly reduces impact and airborne noise pollution in multi level buildings.
- Supremely versatile, making it suitable for most domestic flooring applications.
- Easy and fast to install to joisted or concrete floors (pre-cast or in situ)
- Floors can be used immediately after installation.
- Designed to last the lifetime of the floor.
- Non load bearing partition walls can be erected on the finished acoustic floor where a double batten run has been positioned below.



- 22mm T&G Chipboard Flooring
- 55mm Profloor Dynamic Batten
- 150mm Concrete Slab with Holorib Decking
- 25mm Timber strapping
- 2 layers 12.5mm Plasterboard

Tested floor construction

Airborne: DnT,w = 58dB DnT,w + Ctr = 49dB
Impact: L'nT,w = 52dB

PHYSICAL PROPERTIES

Standard Sizes:
55mm x 45mm x 3600mm length
67mm x 45mm x 3600mm length
81mm x 45mm x 3600mm length

Support Batten:
50mm x 45mm x 3600mm length
62mm x 45mm x 3600mm length
76mm x 45mm x 3600mm length

Flanking Strip:
100mm wide x 5mm thick (10m rolls)
125mm wide x 5mm thick (10m rolls)
150mm wide x 5mm thick (10m rolls)

Alternative batten sizes may be available on request.

ROBUST DETAILS	
FFT 1 Resilient composite deep batten system Suitable for use on the following RD floors:	• E-FT-1 (using 81mm batten) • E-FT-2 (using 81mm batten) • E-FT-3 (using 81mm batten) • E-FS-2 (using 81mm batten)
FFT 3 Resilient composite batten system Suitable for use on the following RD floors:	• E-FC-1 • E-FC-2 • E-FC-7 • E-FS-1

FSC www.fsc.org FSC® C022466 The mark of responsible forestry

PEFC PEFC/16-37-752

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proctor GROUP LTD

TECHNICAL SERVICES

The A Proctor Group's technical back-up has always been an integral part of our strategic development, with an outlook based on advanced technical solutions, rather than commodity driven. Our dedicated technical team is focussed on providing high quality advice and support to our customers all the way from drawing board to site.

Our experienced in-house technical staff are fully trained on industry-standard software and procedures from across our product ranges allowing our customers to specify and install our products safe in the knowledge that we will assist fully throughout the process.

ON-SITE & LABORATORY ACOUSTIC TESTING

Our in-house acoustics laboratory provides facilities for the testing of airborne and impact sound transmission for our own product development and as a stand-alone facility for clients wishing to obtain acoustic data on their products.

Site sound insulation testing is available to clients for both walls and floors as required by Building Regulations and as part of an assessment for residential conversion on the existing building prior to redevelopment. This allows us to provide tailored advice which can significantly reduce the risk of failure following completion and often reduce the level of material and remedial measures necessary to pass a sound test.

On-site and Laboratory Acoustic Testing

BATTEN OVERLAY DRAWINGS

Layout drawings for batten systems showing positioning of battens and giving a total quantity. Provided in CAD as overlay.

ACOUSTIC FLOORING TAKE-OFFS

Quantity takeoffs for acoustics deck and batten systems from plan, including estimates for glues, mineral fibre quilts, flanking strip etc.

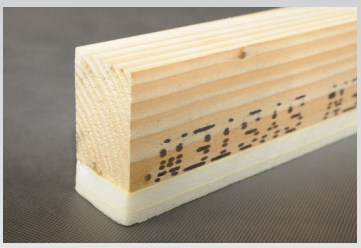
PROFLOOR DYNAMIC BATTEN **RELATED ACCESSORIES**

PROFLOOR FLANKING STRIP
Available in 5mm, 7mm &10mm thickness. Various widths to suit Profloor Systems.

PROFLOOR SUPPORT BATTEN
Incorporating 17mm foam. Supplied in 3.6m lengths. Used around the perimeter and for loads exceeding 1.5 kN/m2 and up to 4 kN/m2

PROFLOOR ADHESIVE 1LTR
Water based PVA adhesive. Size 1 litre bottle.

Profloor Flanking Strip



Profloor Support Batten

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