

CI/SfB	March 2017
Uniclass	
Issue 01	

Monarfloor Acoustic Batten System

Sound protection

FFT1 Resilient composite deep batten system.

FFT3 Resilient composite standard batten system.

The Monarfloor Acoustic Batten System is designed to reduce sound transmission through both timber and concrete floors and can be overlaid directly with an 18mm or 22mm chipboard deck.

When installed as part of a complete sound reduction system it enables a concrete or timber floor to meet the sound transmission regulations of Part E.

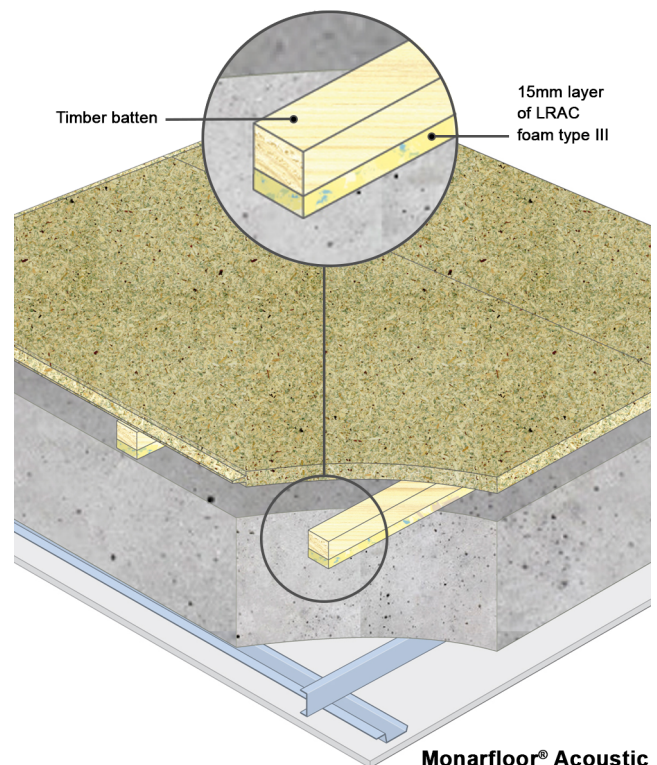
Features and Benefits

- **Supports floor loadings as defined in BS EN 1991-1-1:2002 +A1 2010 (Eurocode 1) which stipulates floor loading of 2 kN.**
- **Can be mechanically fixed in various orientations**
- **Superior performance** – the recycled Low Resonance Acoustic Chip (LRAC) foam used has excellent impact improvement characteristics and superior stability within a single layer.
- **Flame retardant** – all LRAC foam used in Monarfloor systems is flame retardant.
- **Quality assured** – Monarfloor® products meet all current standards.

Construction

Monarfloor® Acoustic Batten System consists of a 15mm layer of LRAC foam type III bonded to a timber batten.

For full details refer to our Product Information and Safety Data Sheet.



Monarfloor® Acoustic Batten on an in-situ concrete floor (Robust Details E-FC-2).

Product Data

Batten size	1800mm x 45mm
Height	50mm and 75mm available (other sizes to order)
DnT,w	Complies with
DnT,w + Ctr	Robust Detail Ref
L'nT,w	E-FC-1; E-FC-2; E-FS-1; E-FT-1 and E-FT-2



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Installation

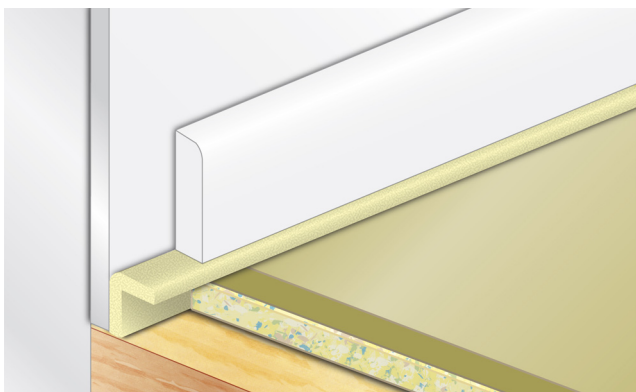
- Flank all perimeter with Monarfloor Flanking Band.
- Lay Monarfloor Acoustic Batten either foam side up or foam side down at appropriate centres with a continuous run of batten 50mm in from all perimeter walls.
- Overlay the battens with an 18mm or 22mm tongue and groove chipboard deck laid in a broken bond pattern with all joints supported and glued.
- Install skirting and trim off excess flanking band.

For full details refer to our *Monarfloor Acoustic Batten System Installation Sheet* or visit our website:

www.monarfloor.co.uk

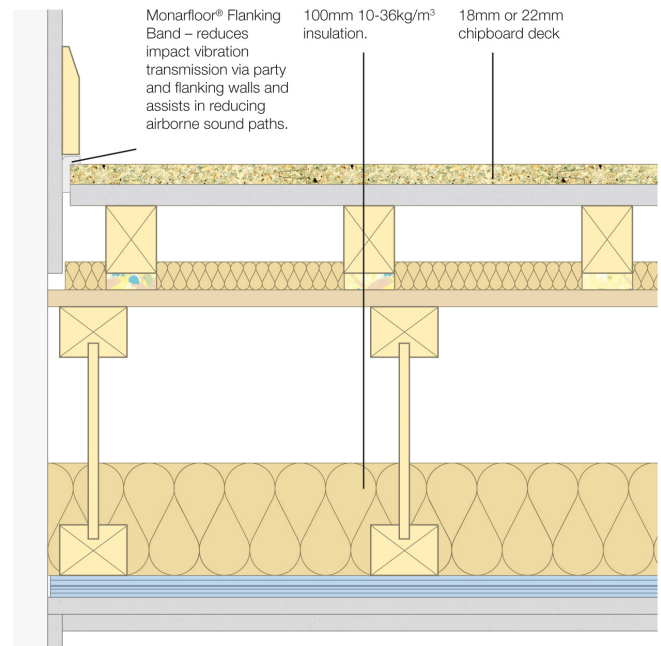
Related Products

- **Monarfloor Flanking Band** – reduces impact vibration transmission via party and flanking walls and assists in reducing airborne sound paths. For full details refer to our *Monarfloor Flanking Band Data Sheet*.



- **Monarfloor Adhesive**

For full details refer to our *Monarfloor Adhesive Data Sheet*.



Monarfloor® Deep Acoustic Batten in a timber frame construction (Robust Details E-FT-1 with FFT1 Batten System).

Technical Support

Monarfloor Acoustic Systems offers FREE technical advice and assistance on all aspects of acoustic systems. We can also undertake site visits to provide contractors with advice and assistance at every stage of a project from concept to completion.



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