

CI/SfB	March 2017
Uniclass	
Issue 01	

Monarfloor Structure Deck System

Sound Protection

Resilient overlay platform direct to joist floor system.

The Monarfloor Acoustic Structure Deck System is designed to reduce sound transmission through timber floors where the existing timber floor will be removed.

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

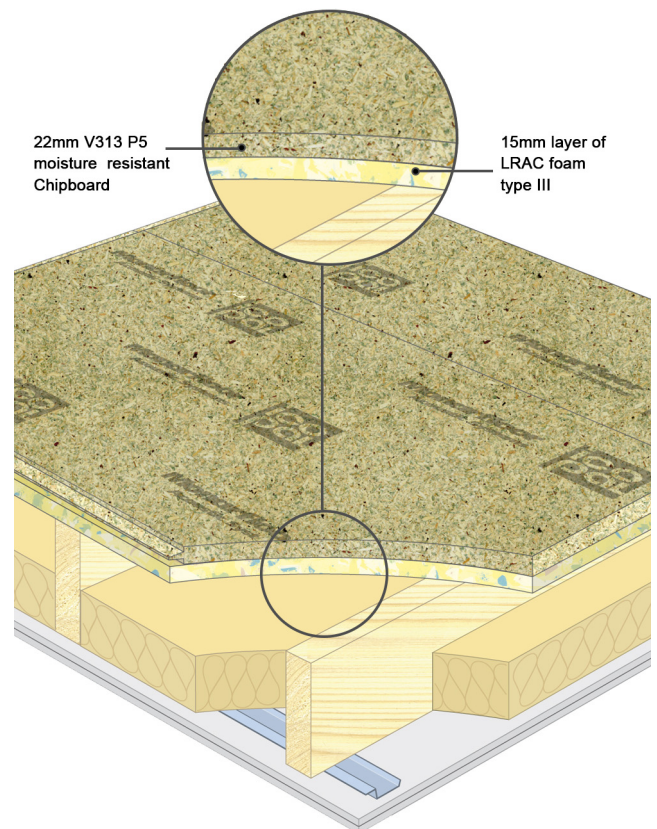
Features and Benefits

- **Supports floor loadings defined in BS: 6399-1: 1996**
- **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 Structure Deck consists of a 15mm layer of LRAC foam type III bonded to 22mm V313 P5 moisture resistant chipboard.

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

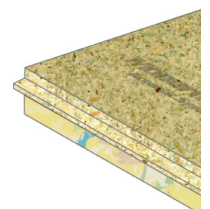


Monarfloor® Structure Deck on a timber joists

Product Data

Board Size	2400mm x 600mm
Thickness	37mm
Board weight	27.10kg
Weight/m2	18.81kg
DnT,w	57dB
DnT,w + Ctr	48dB
L'nT,w	51dB

Mean performance based on PCT test evidence



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Installation

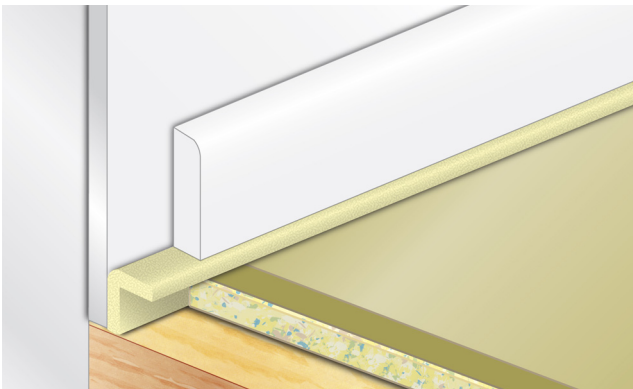
- Flank all perimeter with Monarfloor Flanking Band.
- Level the sub-floor to the required tolerance.
- Lay Monarfloor Structure Deck over existing floor in a broken bond pattern, applying Monarfloor Adhesive to all tongue and groove panel joints.
- Install skirting and trim off excess Flanking Band.

Note: Guidance should be sought if you are in any doubt as to the quality or density of the surrounding structural elements

For full details including advice on services and penetrations refer to our Structure Deck Installation Sheet or visit our website: www.monarfloor.co.uk

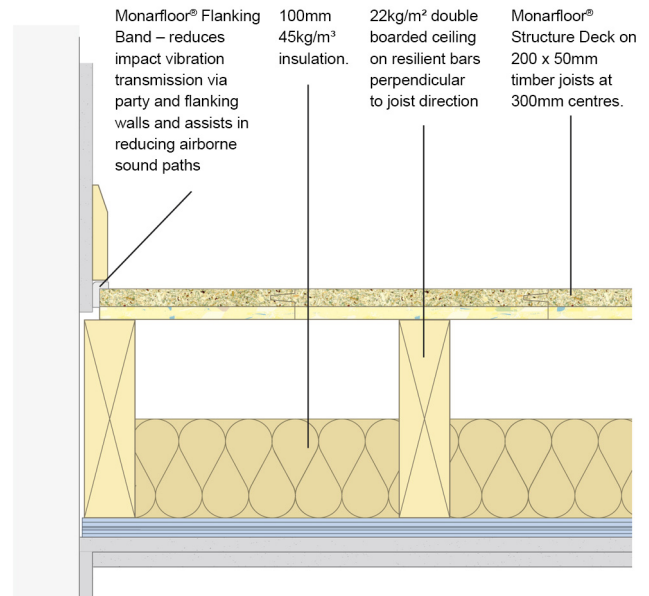
Related Products

- **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® Structure Deck on timber joists with a resilient bar ceiling.

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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