

CI/SFB	March 2017
Uniclass	
Issue 01	

Monarfloor Acoustic Tri-Deck System

Sound Protection

Resilient overlay platform direct to joist floor system..

Monarfloor Tri-Deck is designed to reduce sound transmission through timber floors where the existing timber floor will be removed but access to work on the ceiling below will be restricted.

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

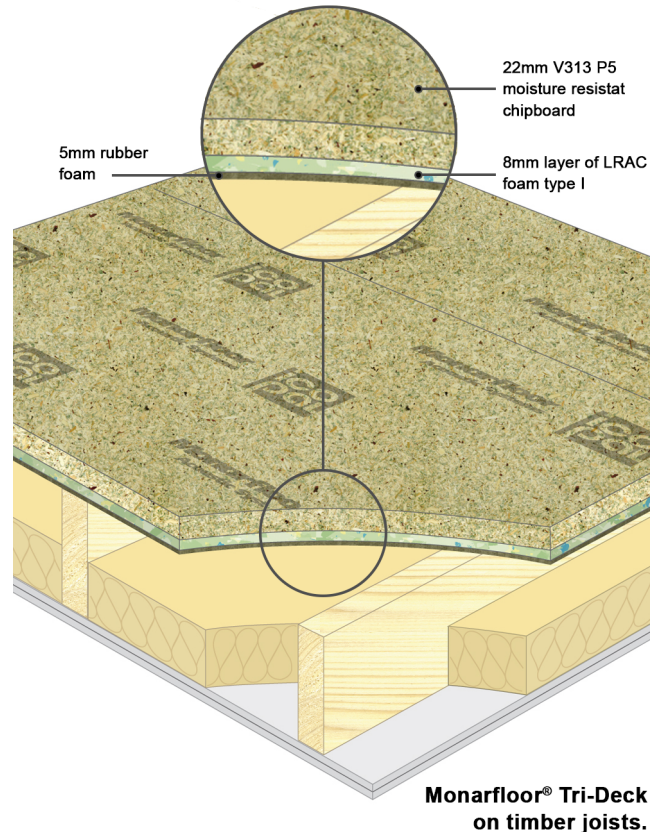
Features and Benefits

- **Supports floor loadings as defined in BS EN 1991-1-1:2002 +A1 2010 (Eurocode 1) which stipulates floor loading of 2 kN.**
- **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 or exceed all current standard requirements.

Construction

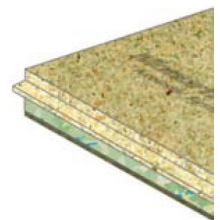
Monarfloor Tri-Deck consists of a 5mm layer of foam rubber bonded to an 8mm layer of LRAC foam type I bonded which is then bonded to 22mm V313 P5 moisture resistant chipboard.

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



Product Data

Board Size	2400mm x 600mm
Thickness	35mm
Board weight	30.50kg
Weight/m²	21.18kg
DnT,w	55dB
DnT,w + Ctr	46dB
L'nT,w	56dB



Mean performance based on PCT evidence.



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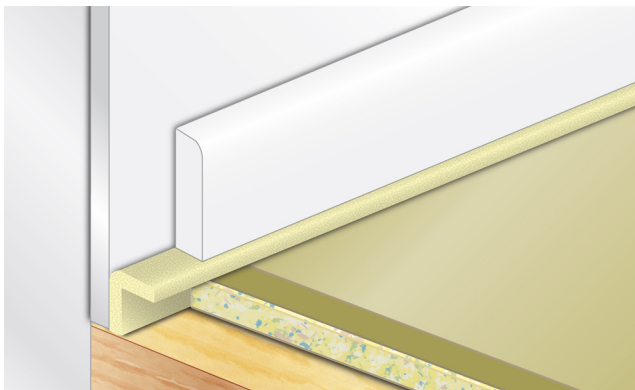
Installation

- Flank all perimeter with Monarfloor Flanking Band.
- Level the sub-floor to the required tolerance.
- Lay Monarfloor Tri-Deck directly over the floor joists in a broken bond pattern with all joints supported and glued.
- Install skirting and trim off excess flanking band.

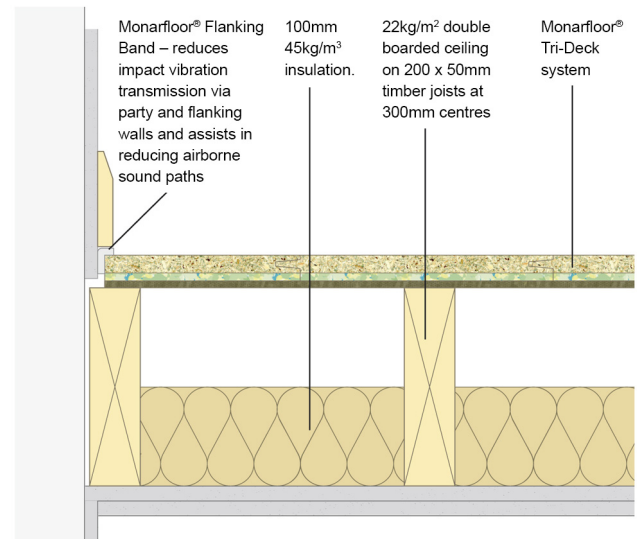
For full details refer to our Monarfloor Acoustic Tri-Batten System Installation Sheet or visit our website www.monarfloor.co.uk

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® Acoustic Strip on solid 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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