

CI/SfB	March 2017
Uniclass	
Issue 01	

# Monarfloor Acoustic Strip System

Sound protection

The Monarfloor Acoustic Strip System is designed to reduce sound transmission through timber floor 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.

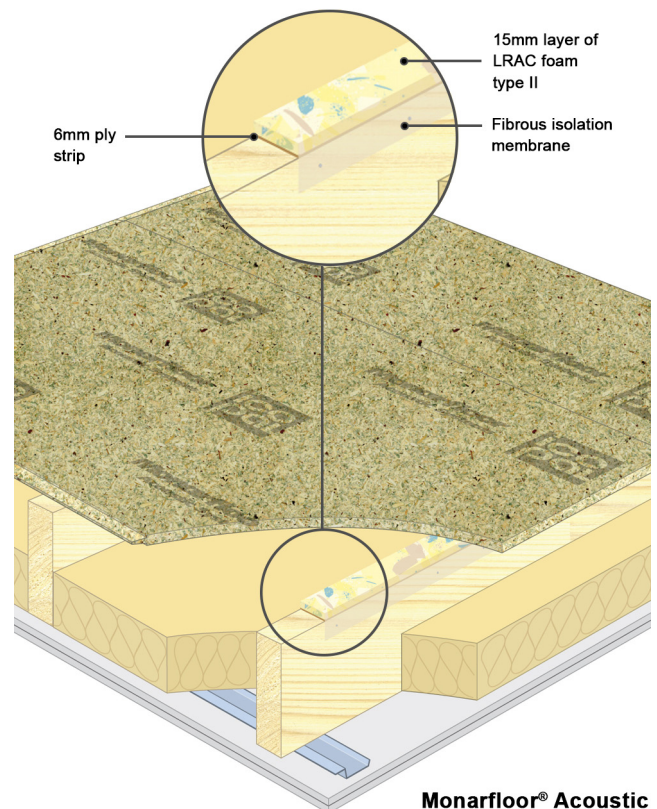
## Features and Benefits

- **Supports floor loadings 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 all current standards.

## Construction

Monarfloor® Acoustic Strip consists of a 15mm layer of LRAC foam type II bonded to fibrous isolation membrane which is bonded to 6mm ply.

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

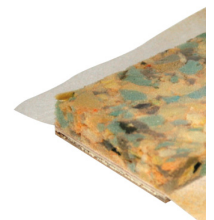


**Monarfloor® Acoustic Strip on timber joists**

## Product Data

<b>Sizes</b>	2400mm x 45mm 2400mm x 75mm
<b>Thickness</b>	21mm
<b>DnT,w</b>	57dB
<b>DnT,w + Ctr</b>	48dB
<b>L'nT,w</b>	51dB

Performance based on PCT test evidence



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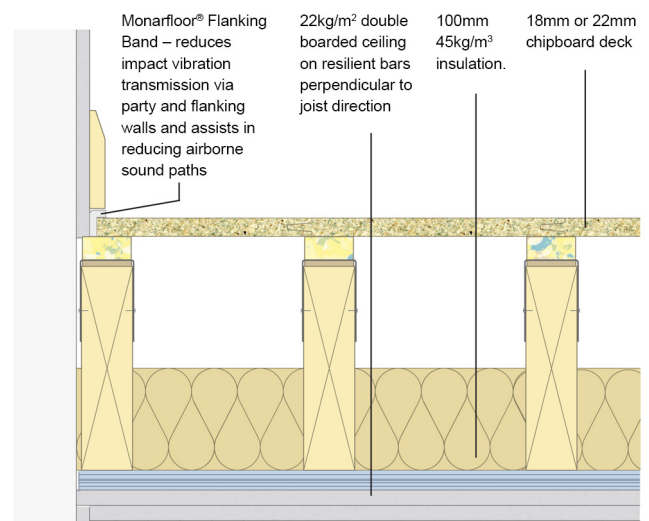
## Installation

- Flank all perimeter with Monarfloor Flanking Band.
- Lay Monarfloor® Acoustic Strip foam side-up over the exposed floor joists.
- Fix Monarfloor® Acoustic Strip into position by stapling or nailing through the geotextile isolation mat to the side of the joists.
- Apply adhesive to the top foam surface of the acoustic strip.
- Overlay 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.

*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 refer to our Monarfloor Acoustic Strip System Installation Sheet or visit our website: [www.monarfloor.co.uk](http://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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