

Monarfloor® Impact 18 System

FFT4 Resilient overlay platform floor system.

Monarfloor® Impact 18 is an overlay system designed to reduce sound transmission through concrete floors.

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

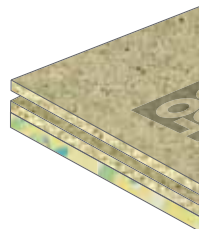
Construction

Monarfloor® Impact 18 is a composite tongue and groove flooring system consisting of an 8mm layer of LRAC foam bonded with a high performance water based adhesive to 18mm V313 P5 chipboard.

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

Product Data

Board Size	2400mm x 600mm
Thickness	26mm
Board Weight	22.20kg
Weight/m²	15.42kg
DnT,w DnT,w + Ctr L'nT,w	Complies with robust details Ref E-FC-1; E-FC-2 and E-FS-1
Performance based on PCT and Lab test evidence	



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.



Installation

See over for details.

High Performance Acoustic Systems for
New Build, Conversion and Refurbishment.

Monarfloor
Acoustic Systems



Monarfloor® Impact 18 System

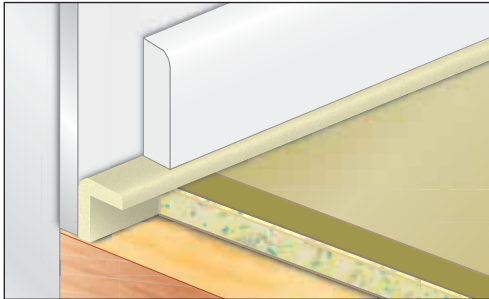
Installation at a glance

- Flank all perimeter with Monarfloor® Flanking Band.
- Lay Monarfloor® Impact 18 over the concrete/screed floor in a broken bond pattern, applying Monarfloor® Adhesive to all tongue and groove panel joints.
- Install skirting and trim off excess flanking band.

For full details including advice on services and penetrations refer to our *Impact 18 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.



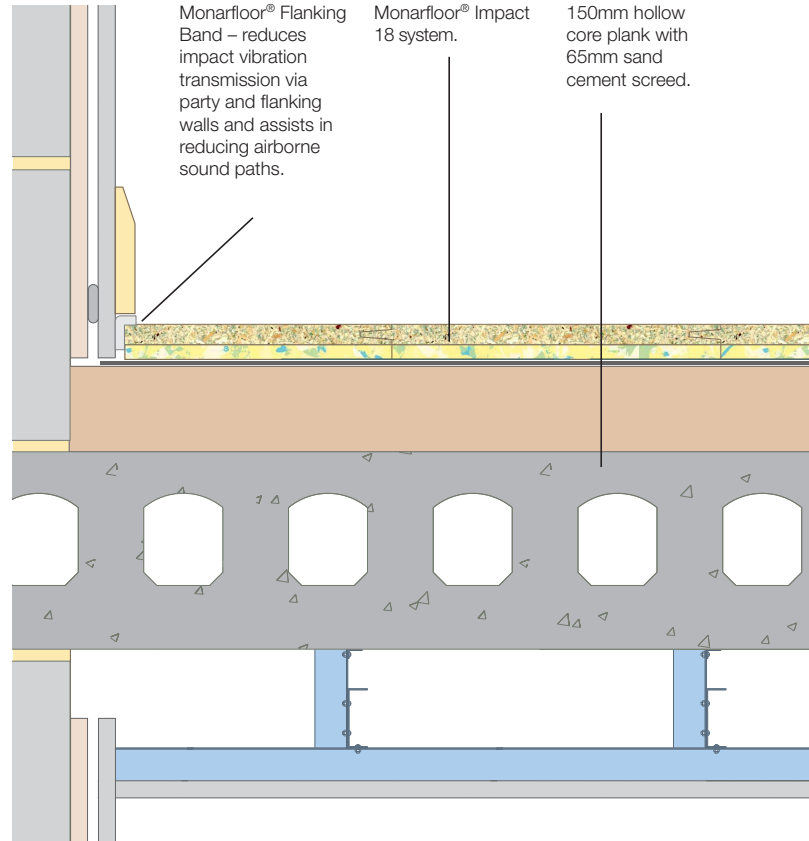
For full details refer to our *Monarfloor® Flanking Band Data Sheet*.

- **Monarfloor® Adhesive**

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

Monarfloor Acoustic Systems

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Monarfloor® Impact 18 over 65mm sand/cement screed and 150mm precast concrete plank (Robust Details E-FC-1 with FFT4/FFT5 Floating Floor).

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.

NOTE: This information is given in good faith being based on the latest knowledge known to Monarfloor® Acoustic Systems. Whilst every effort has been made to ensure the contents of the publication are current while going to press, customers are advised that products, techniques and Codes of Practice are under constant review and liable to change without notice. Up to date information is available from our Technical Services Department on request.

Responsibility cannot be accepted for the application of products, and no claims can be considered, where the manufacturer's instructions have not been followed. The user should not assume; based on information provided in this sheet, that the product is suitable for any abnormal use.

All products are sold subject to our standard terms and conditions of sale, a copy of which is available on request.