

**Monarfloor**
**Acoustic Systems**

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# SoundProof

Our acoustic products range encompasses traditional FFT systems (many of which were developed by us and are now universally accepted as the industry standard and have been proven in use over and over again) through to innovative second generation systems specially developed for use in new build. That means you'll always be able to go straight to the solution you need without going anywhere else.

**Traditional floating floor treatments (FFTs) currently available include:**

- Monarfloor Deck 9 Overlay System
- Monarfloor Deck 18 Overlay System
- Monarfloor Deck 22 Overlay System
- Monarfloor Acoustic Strip
- Monarfloor Structure Deck
- Monarfloor Tri-Deck
- Monarfloor Acoustic Tri-Batten
- Monarfloor Acoustic Batten
- Monarfloor Acoustic Cradle
- Monarfloor Impact 18 Overlay System

**Accessories**

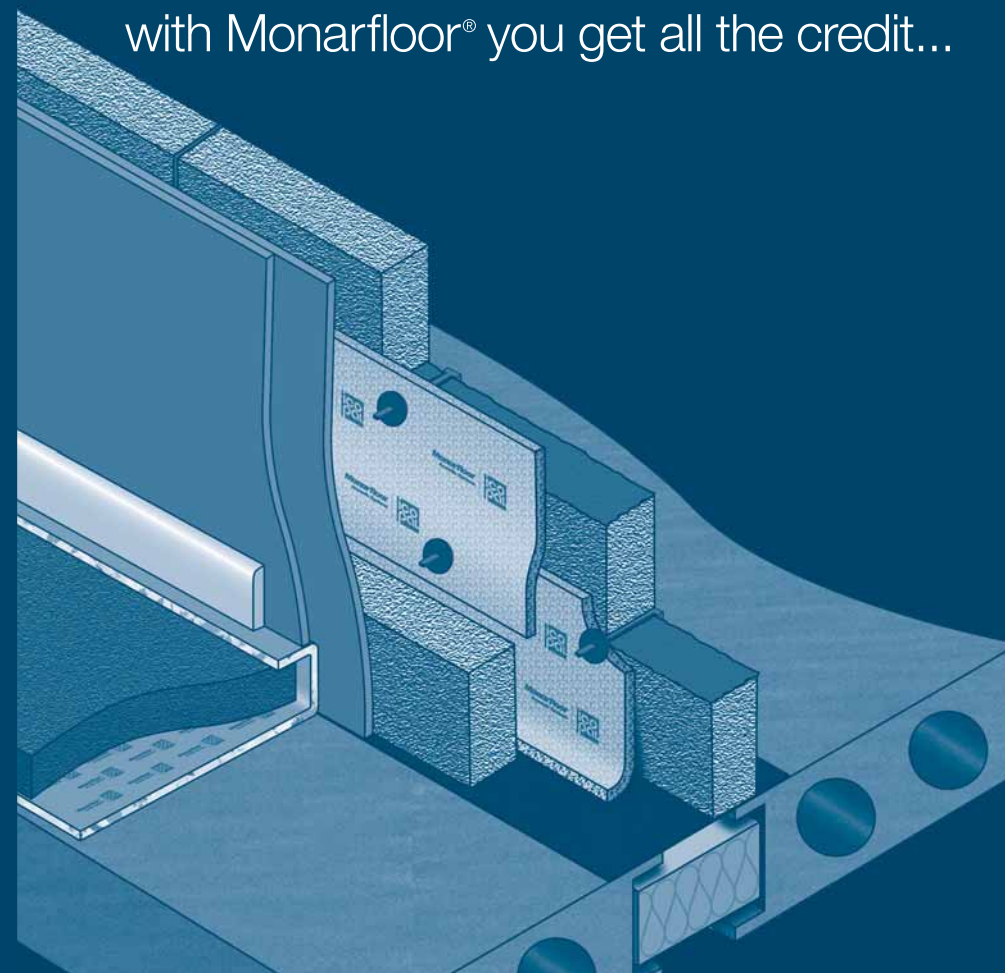
- Monarfloor Flanking Band
- Monarfloor Adhesive
- Monarfloor Isolation Strip

**Innovative second generation systems currently available include:**

- Monarfloor Bridgestop System – cavity wall isolation systems for use in party walls.
- Monarfloor Tranquil – an innovative solution that greatly simplifies dealing with screened floors.
- Monarfloor Tranquility – acoustic isolation membrane for party floors.
- Monarfloor Wall Cap 400 – acoustic isolation and energy insulating system for separating party walls within multi-rise developments.
- Monarfloor Wall Cap 200 – acoustic isolation and energy insulating system for flanking walls within multi-rise developments.
- Monarfloor Wall Cap 250 Timber – acoustic isolation and energy insulating system for separating timber party walls within multi-rise developments.
- Monarfloor Wall Cap 100 Timber – acoustic isolation and energy insulating system for flanking walls within multi-rise developments.

# SoundResult

with Monarfloor® you get all the credit...



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.

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The Code for Sustainable Homes has been introduced to drive a step change in sustainable home building practice. It is a standard for key elements of design and construction which affect the sustainability of a new home and will become the single national standard for sustainable homes, used by home designers and builders as a guide to development and by home-buyers to assist in their choice of home.

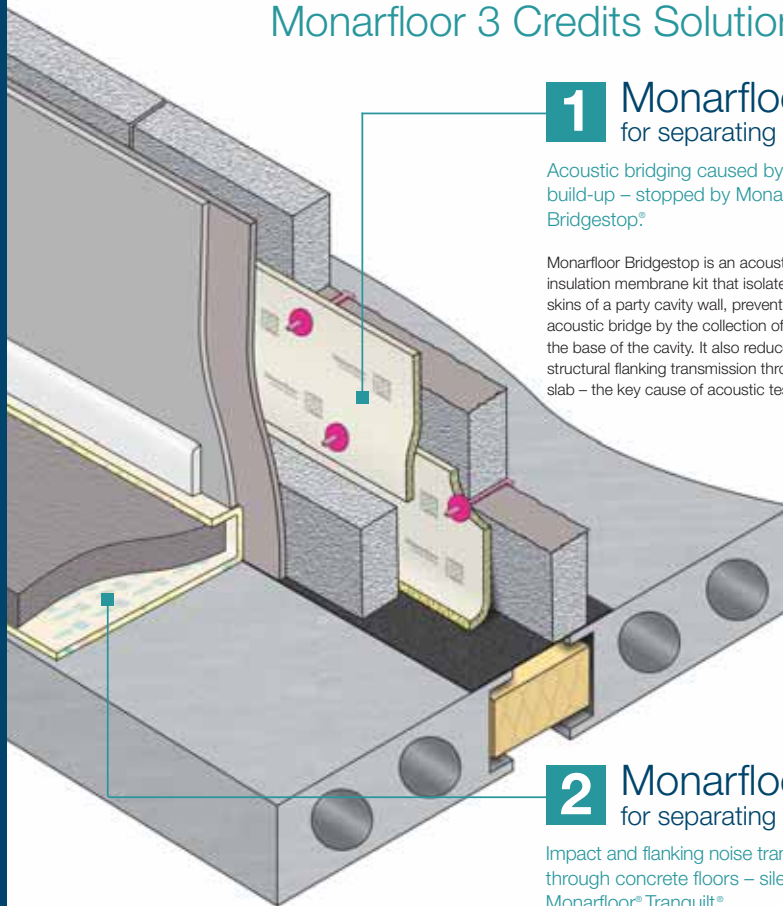
All our advanced acoustics solutions can give you a quick and easy route to either three or four credits when used as part of a system. They can not only be cost-neutral but also provide opportunities for further savings by, for example, allowing you to specify continuous raft foundation between dwellings.



**Code for sustainable Homes – Section 7 – Health & Wellbeing 7.02 Sound.**

One, three and four credits are awarded for achieving a higher standard of sound insulation than required by Part E of the Building Regulations and demonstrating it by either using pre-completion testing (PCT) or Robust Details (RD).

## Monarfloor 3 Credits Solution for multi-rise developments



### 1 Monarfloor Bridgestop for separating party cavity walls

Acoustic bridging caused by mortar build-up – stopped by Monarfloor® Bridgestop®.

Monarfloor Bridgestop is an acoustic insulation membrane kit that isolates the two skins of a party cavity wall, preventing an acoustic bridge by the collection of mortar at the base of the cavity. It also reduces the structural flanking transmission through the slab – the key cause of acoustic test failure.

**Monarfloor Bridgestop also...**

- Isolates the party walls from the concrete sub-floor, reducing acoustic flanking
- Has superior acoustic isolation and damping performance
- Makes continuous raft foundation between dwellings possible
- Facilitates easy detailing for steps and staggers
- Prevents damage to methane or radon barriers
- Is quick and easy to install
- Surpasses performance requirements of Approved Document E of the Building Regulations
- Specified within Robust Details Appendix A2 (as of August 2008)
- Is an easy 4 credits solution for attached dwelling houses.

### 2 Monarfloor Tranquilt for separating party floors

Impact and flanking noise transmission through concrete floors – silenced by Monarfloor® Tranquilt®.

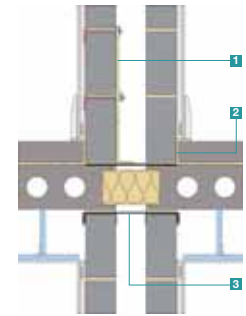
Monarfloor Tranquilt is an innovative, sustainable and robust acoustic isolation system that reduces impact and flanking transmission within pre-cast and in-situ concrete floors in new-build projects by forming an isolation between the sub floor and the finished screed.

**Monarfloor Tranquilt also...**

- Is a one part system with no need for separate flanking, jointing strip or corners
- Has superior dynamic stiffness and acoustic isolation performance
- Has superior damping properties
- Can be used with sand/cement and proprietary screeds without the need for additional polythene or waterproofing membrane
- Is lightweight and easy to handle and install
- Surpasses performance requirements of Approved Document E of the Building Regulations
- Specified within Robust Details (E-FC-11).

### Monarfloor® 4 Credits Solution

Monarfloor general detail showing 3-4 credit solution for the Code for Sustainable Homes (based on PCT test evidence with 200mm precast planks and independent ceiling).



- 1 Monarfloor® Bridgestop®
- 2 Monarfloor® Tranquilt®
- 3 Monarfloor® Wall Cap 400
- 4 Monarfloor® Wall Cap 200 (for flanking walls)

### SoundAdvice

Monarfloor Acoustic Systems offers technical advice and assistance on all aspects of building acoustic systems.

For further details – including product data sheets – and **FREE** advice call **0161 866 6540** or visit **www.monarfloor.co.uk**