

Monarfloor® Tranquility™

Features and Benefits

- Isolates wood and laminate floors from the sub floor reducing impact noise transmission
- Has superior dynamic stiffness, acoustic isolation and damping performance
- One part self-adhesive system
- Improves thermal comfort of the floor
- Is suitable for hard or soft surface coverings and concrete or timber sub-floors in new build and refurb projects
- Surpasses performance requirement of Approved Document E of the Building Regulations
- Complies with Robust Details bonded resilient floor cover (E-FC-8)
- For sites that are to be pre-completion sound tested, Monarfloor® Tranquility™ can provide a quick and easy route to up to 4 cost-neutral Sustainable Homes Credits (when used as part of a system).

Monarfloor® Tranquility™ System

Acoustic isolation membrane system for party floors.

Monarfloor® Tranquility™ reduces impact and flanking transmission through separating party floors by isolating wood and laminate floors from the concrete or timber sub floor.

Monarfloor® Tranquility™ is self adhesive and bonds to the sub-floor to reduce the impact noise whilst ensuring its robustness.

Monarfloor® Tranquility™ also improves the thermal comfort of the floor and can be laid in both new-build and renovation projects.

Construction

Monarfloor® Tranquility™ is a self adhesive composite system comprising a layer of LRAC™ foam sealed both sides with a polyethylene membrane.

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

Product Data

Roll Size	10m long x 1.5m wide
Thickness	8mm
Roll Weight	20kg
ΔLw (Part E)	37dB direct onto membrane 22dB with 6mm MDF overlay

Typical value based on improvement of impact sound insulation of an ISO140-8 heavyweight standard floor.

Installation

See over for details.

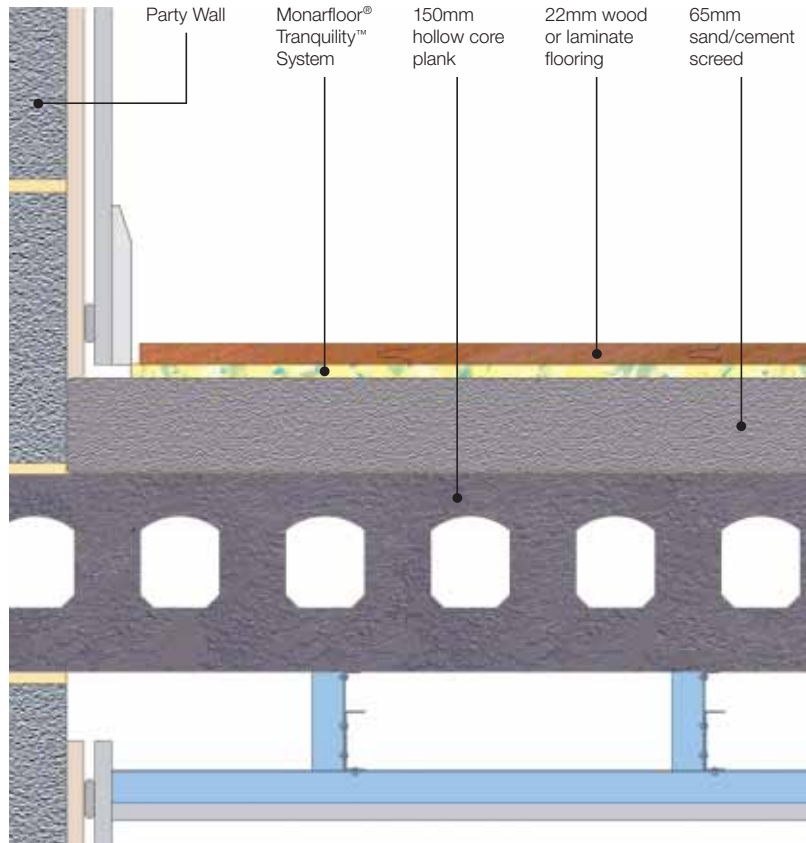


Monarfloor® Tranquility™ System

Installation at a glance

- Ensure sub floor is structurally sound, clean and dry.
- Roll out Monarfloor® Tranquility™ over the surface area. Butt tight to all perimeters.
- After setting out the Tranquility™ it should be bonded to the sub-floor by peeling back the backing paper and adhering with the self-adhesive backing.
- Butt tight the second layer of Tranquility™ to the first and, if required, tape the joints.
- The wood or laminate floor can then be laid as a floating layer over Monarfloor® Tranquility™.
- For carpet, soft coverings or files refer to Monarfloor Technical Department.

For full details including carpets and soft covering, refer to our Monarfloor® Tranquility™ Installation Sheet, contact our Technical Services or visit our website: www.monarfloor.co.uk



Monarfloor® Tranquility™ over 65mm sand/cement screed on 150mm precast concrete plank (other applications are acceptable please contact Monarfloor Technical Department).

Related Products

■ Monarfloor® Acoustic Adhesive

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

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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.