

CI/SFB	July 2017
Uniclass	
Issue 01	

# Monarfloor Wall Cap 250 System

## Sound Protection

### Monarfloor Wall Cap 250 System

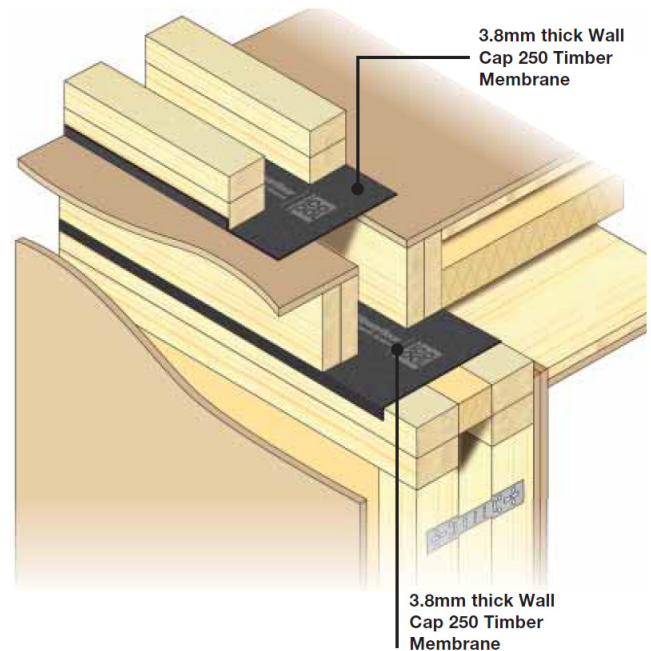
Acoustic isolation and energy insulating system for timber separating party cavity walls within multi-rise developments.

Monarfloor Wall Cap 250 isolates the timber twin stud from the separating floor joists, reducing the acoustic flanking sound transmission within the structure.

Monarfloor Wall Cap 250 also ensures the integrity of acoustic floating floor treatments for party floors.

### Features and Benefits

- Acoustically isolates the timber separating the floor from the load bearing timber twin stud party wall.
- Reduces the flanking sound transmission energy within the structure.
- Improves air tightness at wall/floor junction (Approved Document L).
- Seals the cavity preventing convected heat loss (Approved Document L /2009).
- Superior acoustic isolation and damping performance.
- Can be used as an isolator/ innovative flanking detail with any acoustic flooring treatment.
- Easily installed on or off site within timber wall or floor constructions.
- Significantly improves the acoustic isolation of the building when used in conjunction with other Monarfloor acoustic systems for party walls and floors.
- Ensures the robustness of other acoustic systems for party walls and party floors.
- Demonstrates a significant cost saving and flexibility in the design and build of the building.
- Surpasses performance requirements of Approved Document E of the Building Regulations.
- Can be used to improve the acoustic performance and gain credits towards The Code for Sustainable Homes.
- 3-4 cost-neutral credits for the Code for Sustainable Homes or Home Quality Mark HQM when used with other Monarfloor acoustic systems based on PCT test evidence (independent ceiling required for 4 credits floor).



### Construction

Monarfloor Wall Cap 250 consists of a bitumen composite membrane with acoustically rated fillers and a fire retardant finish.

### Product Data

<b>Roll size</b>	250mm wide x 8m long
<b>Thickness</b>	3.8mm (nominal)
<b>Weight</b>	9.5kg



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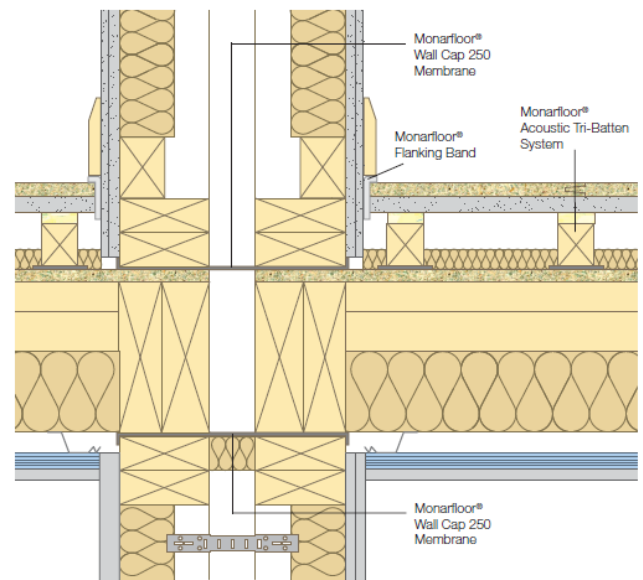
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### Installation at a glance

- Roll out the Wall Cap membrane as a continual layer to both the head and sole plate. (This may be done in the manufacturing premises or on-site).
- Centre the membrane and form a return.
- Once centred and located staple the membrane to the timber frame with an industrial staple gun.
- Trim any excess membrane using a sharp utility knife ensuring the integrity of the membrane is not damaged.
- The panels can then be constructed on-site in the normal manner.

*For optimum acoustic isolation, Wall Cap 250 should be installed at every party wall and floor junction.*



Typical timber twin stud separating party wall with timber 'T' joist party floor.

### Related Products

- **Monarfloor® Wall Cap 100 Timber System** acoustic isolation system for separating timber flanking walls within multi-rise developments.  
*For full details refer to our Monarfloor® Wall Cap 100 Timber System Data Sheet.*
- **Monarfloor® Wall Cap Lamatherm Timber** reduces airborne sound transmission and convected heat loss at the party/flanking wall vertical junction.  
*For full details refer to our Monarfloor® Wall Cap Lamatherm Timber Data Sheet.*
- **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® Acoustic Tri-Batten System** – reduces sound transmission through timber frame floors in a timber framed structure.  
*For full details refer to our Monarfloor® Tri-Batten Data Sheet.*
- **Monarfloor® Isolation Strip** – acoustic strip designed to reduce sound transmission through timber floors.  
*For full details refer to our Monarfloor® Isolation Strip Data Sheet.*

### 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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