

## Monarfloor® Wall Cap – Lamatherm System

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

Monarfloor® Wall Cap – Lamatherm isolates both masonry leaves of the party wall from the flanking wall, reducing the acoustic flanking sound transmission within the structure. Monarfloor® Wall Cap – Lamatherm also provides effective edge sealing at the party wall flanking wall junction to reduce the thermal convection. The system also acts as the fire barrier for the party wall at this junction.

### Features and Benefits

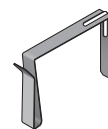
- Isolates the separating party cavity wall from the flanking wall.
- Reduces the flanking sound transmission energy within the structure.
- Superior acoustic isolation performance.
- Can be used as an isolator / innovative flanking detail with any masonry party cavity walls.
- Easily installed within current standard wall constructions.
- Significantly improves the acoustic isolation of the building when used in conjunction with other Monarfloor® acoustic systems for party walls.
- When used with other Monarfloor® systems, provides 'effective edge sealing' reducing the heat loss within the cavity and thus meeting the changes to Approved Document L1A of the Building Regulations for England and Wales.
- Ensures the robustness of other acoustic systems for party walls.
- 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 and thermal performance and gain credits towards The Code for Sustainable Homes.
- One system to address acoustic and thermal performance requirements for new-build dwellings.

### System Kit

Monarfloor® Wall Cap – Lamatherm is available as a system kit comprising of 30 Wall Cap – Lamatherm Bats and 34 Wall Cap clips. Kits are available in 3 sizes to suit cavities 75-100mm.

### Product Data

<b>Composition</b>	Wall Cap Lamatherm Bats – Bitumen composite membrane with acoustically rated fillers and fire rated mineral wool bat. Wall Cap Clips – Structural grade galvanised steel.
<b>Sizes</b>	Wall Cap Lamatherm Bats – 460mm long, 85mm, 90mm and 110mm widths to suit cavities 75-100mm. Wall Cap Clips – 15mm wide x 104.9mm long x 75mm deep.
<b>Kit Weight</b>	22kg (max)



**Wall Cap Clips** – retains the Wall Cap Membrane securely into place.



### Installation

See over for details.

## Monarfloor® Wall Cap – Lamatherm System

### Installation at a glance

- Set out and build the party walls, sequence to suit the build but don't bring through the flanking walls.
- Once the wall is constructed and dry, locate Wall Cap clips equally one to each block height, up the entire height of the party wall. This operation can be carried out as each lift is being built dependant on sequencing.
- Insert the Wall Cap – Lamatherm, ensuring the mineral – wool bat is tight within the cavity.
- Return the Wall Cap – Lamatherm membrane and locate within the Wall Cap clips.
- Proceed with the next layer, ensuring the rebates within the mineral-wool are interlocked snugly.
- Butt flanking walls to the party walls and tie in with wall ties.
- Once complete bring through the flanking walls and complete the build.

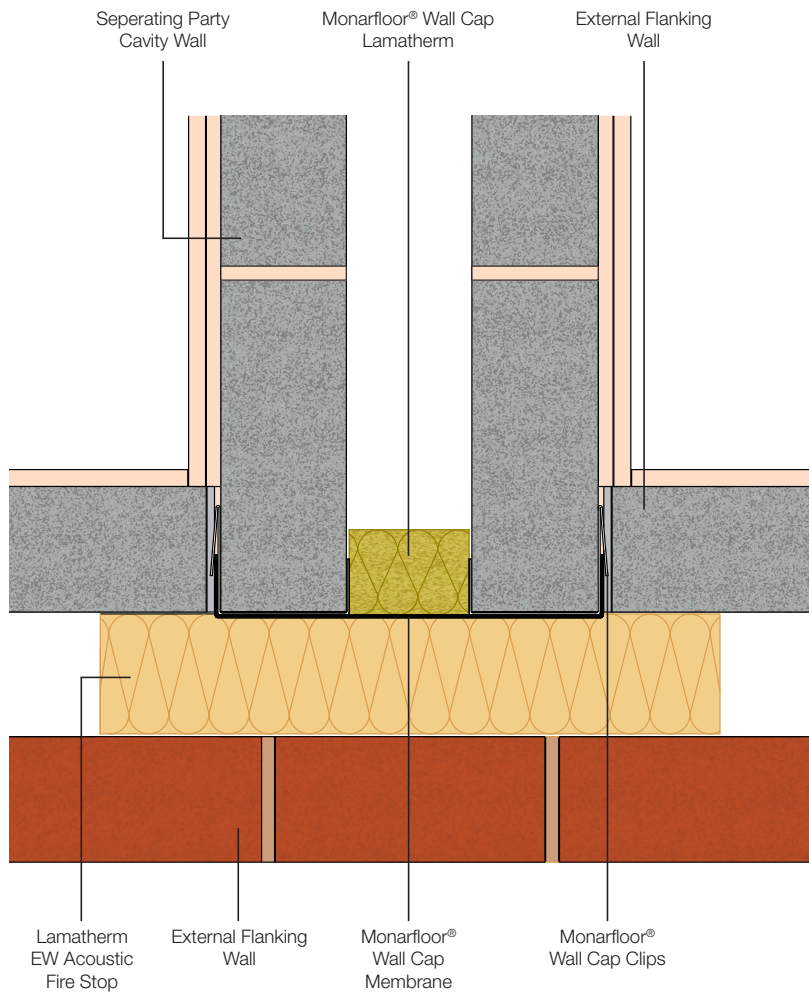
### Related Products

- **Monarfloor® Wall Cap 400 System** – acoustic isolation system for separating party walls within multi-rise developments.
- **Monarfloor® Wall Cap 200 System** – acoustic isolation system for separating flanking walls within multi-rise developments.
- **Monarfloor® Bridgestop® System** – acoustic isolation system for party walls on raft foundations or continual slab.
- **Monarfloor® Tranquilt® System** – lightweight acoustics isolation system for robust under screeds.

*For full details refer to individual Monarfloor® Product Data Sheets.*

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**Monarfloor® Wall Cap – Lamatherm: Detail at Party Wall/Flanking Wall Junction (Plan View).**

### 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.