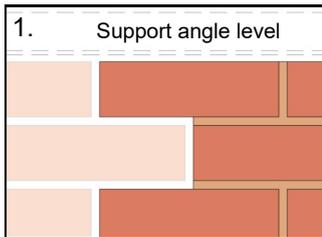


## Installation Guide

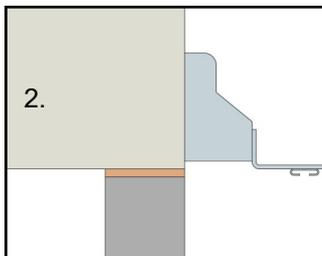
# Hanging Brickwork

## Hanger Tie System for Solid Bricks

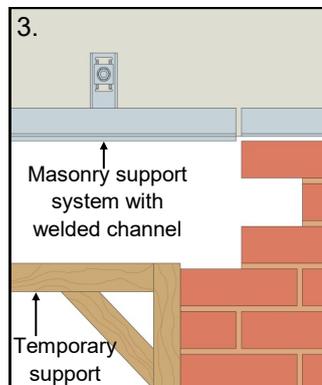
### Installation Procedure



1. Build brickwork up to support angle level on each side of the opening, ensuring that the top three jamb bricks on one side of the opening are left out to allow the installation of the last soffit brick.



2. Install masonry support system in accordance with our installation guidance and drawings. The Hanger Tie system uses a support angle with a channel, normally 36/8, welded to the underside.

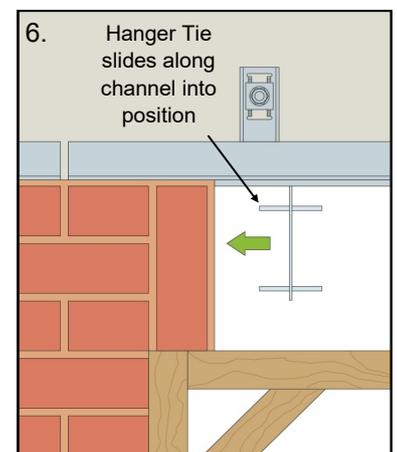
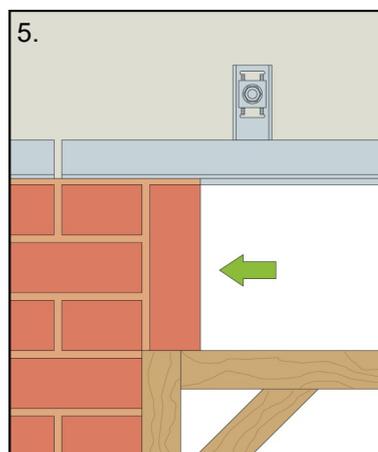
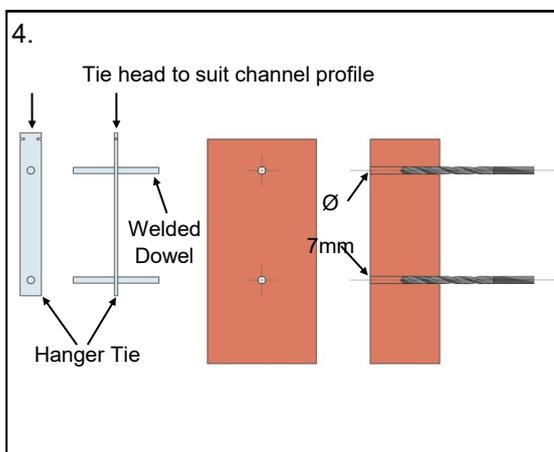


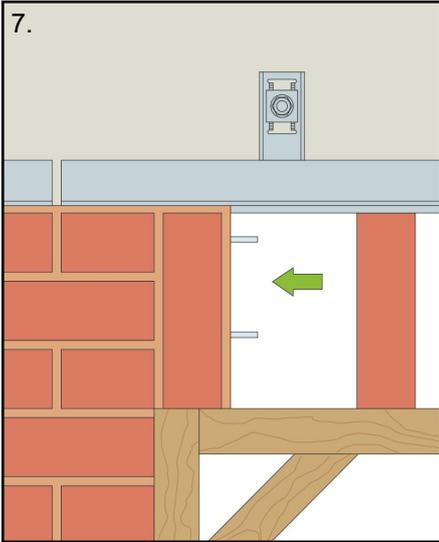
3. Install temporary support underneath the masonry support angle to the set distance of the soffit.

4. Offer up one brick and Hanger Tie to mark out dowel positions on the brick and remove. Drill two 7mm diameter holes through each brick at the dowel positions.

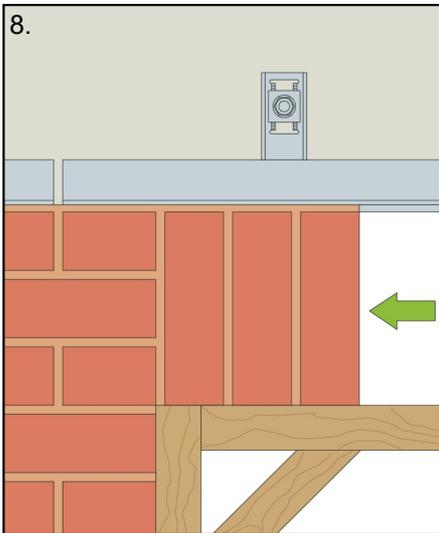
5. Install first soffit brick on to former, ensuring that the vertical joint to the adjacent brick panel is fully filled with type M12 (or equivalent) mortar.

6. Insert Hanger Tie into the channel by turning head through 90° and slide the tie along the channel, pressing it into fresh mortar. Once in position, cover Tie with more fresh mortar to create minimum 10mm vertical joint. Ensure the void between the underside of the support angle and the top of the hung brick is tightly packed with mortar.



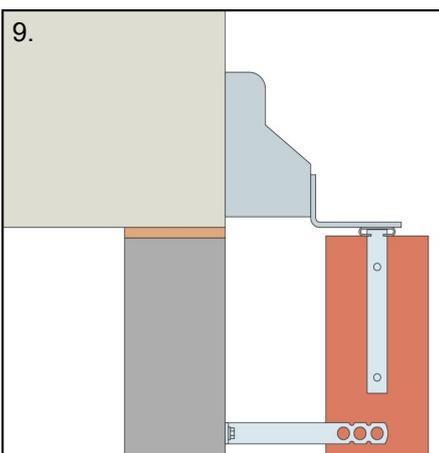


7. Push the next brick onto the dowelled Hanger Tie.



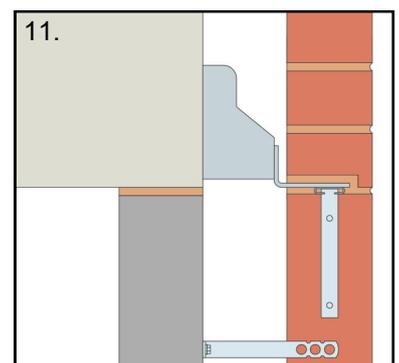
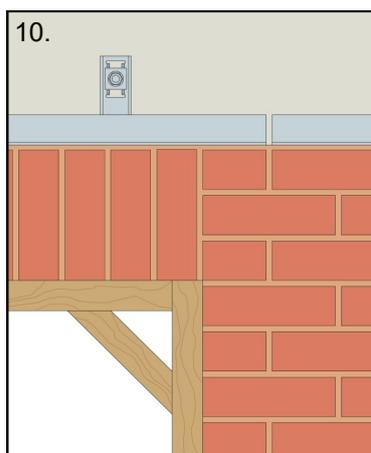
8. Cover the side of the brick with fresh mortar and position next brick.

9. Repeat steps 6-8 until all soffit bricks are installed. Install SPB restraint ties as work progresses, typically at 450mm horizontal centres, ensuring that each tie is completely covered with mortar.



10. Install final jamb bricks, filling each joint with fresh mortar.

11. Once mortar has achieved design strength, temporary support may be removed and brickwork may be pointed as necessary. (Check with your Structural Engineer if unsure).



The Construction applications and details provided in this guide are indicative only. In every case installation should be entrusted to appropriately qualified and experienced persons. Normal handling precautions should be taken to avoid physical injury. The company cannot be held responsible for any injury as a result of using our products, unless such injury arises as a result of our negligence.

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