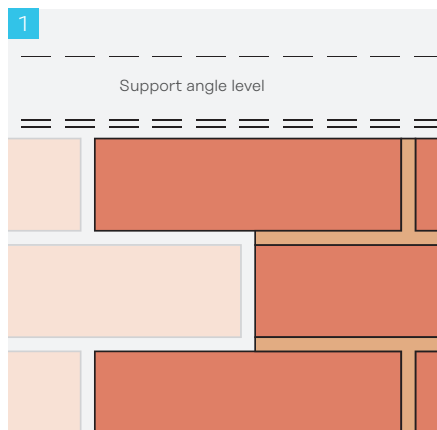


Installation Guide

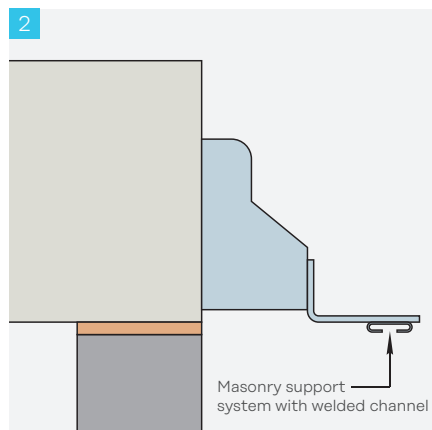
Hanging Brickwork

Hanger Tie System for Solid Bricks

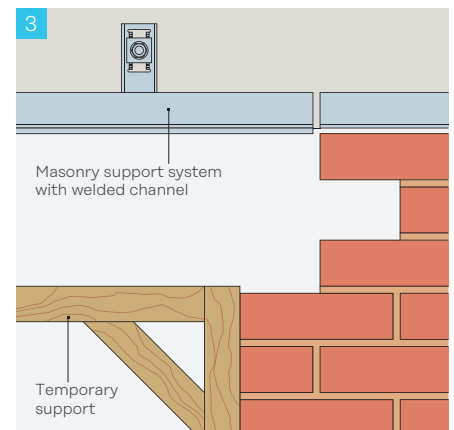
Installation Procedure



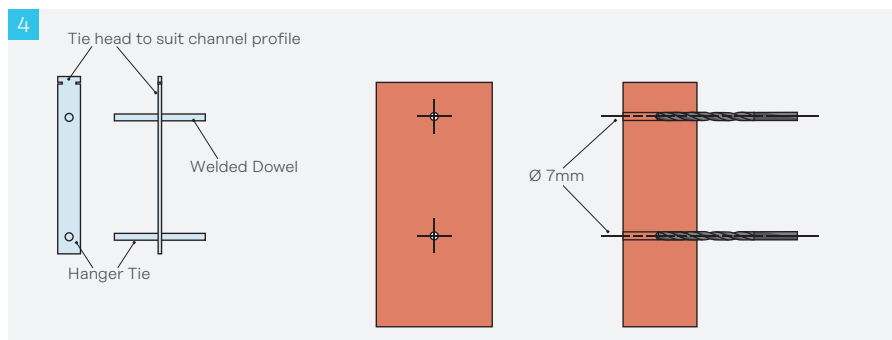
Build brickwork up to support angle level on each side of the opening, ensuring that the top three jamb bricks on one side of the opening are left out to allow the installation of the last soffit brick.



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



Install temporary support underneath the support angle on the line of the new soffit.

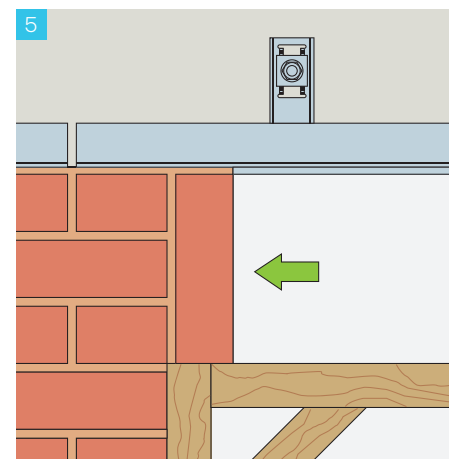


Offer up one brick and Hanger Tie to mark out dowel positions on the brick and remove. Drill two 7mm diameter holes through each brick at the dowel positions.



Mortar Specification

Special consideration must be given to the mortar and brick specification on suspended brick details. Leviat recommends M4 or equivalent mortar reaching compressive strength of 12 N/mm² @ 28 days is used.

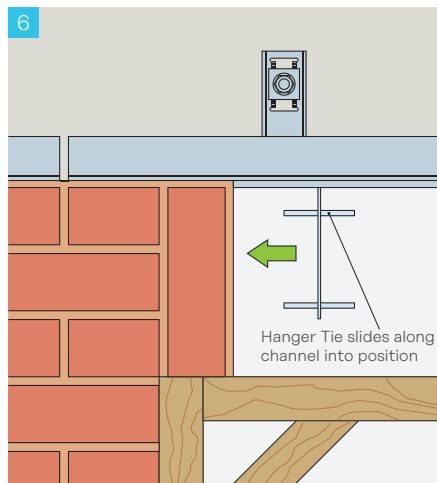


Install first soffit brick on to former, ensuring that the vertical joint to the adjacent brick panel is fully filled with mortar.

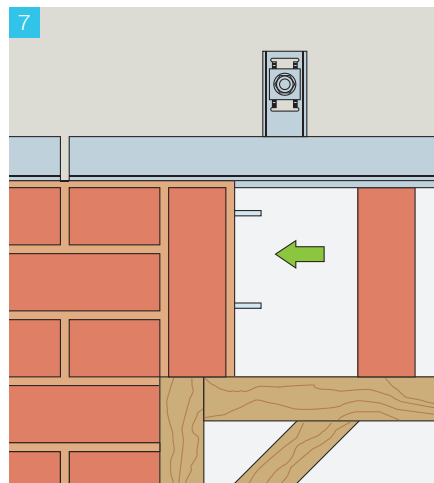
Installation Guide

Hanging Brickwork

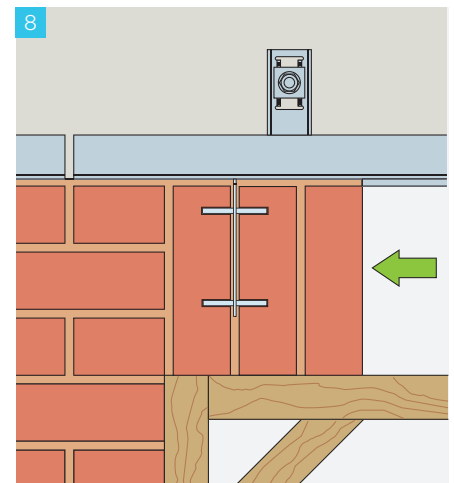
Hanger Tie System for Solid Bricks



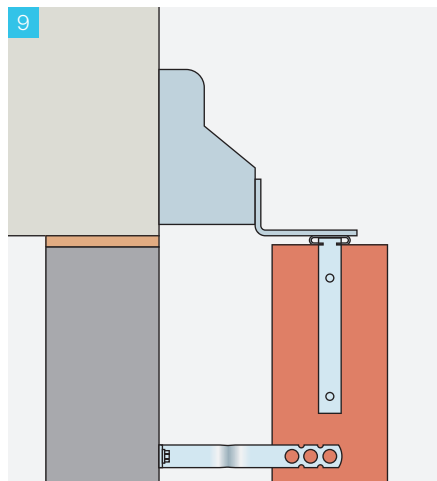
Insert Hanger Tie into the channel by turning head through 90° and slide the tie along the channel, pressing it into fresh mortar. Once in position, cover tie with more fresh mortar to create minimum 10mm vertical joint. Ensure the void between the underside of the support angle and the top of the hung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



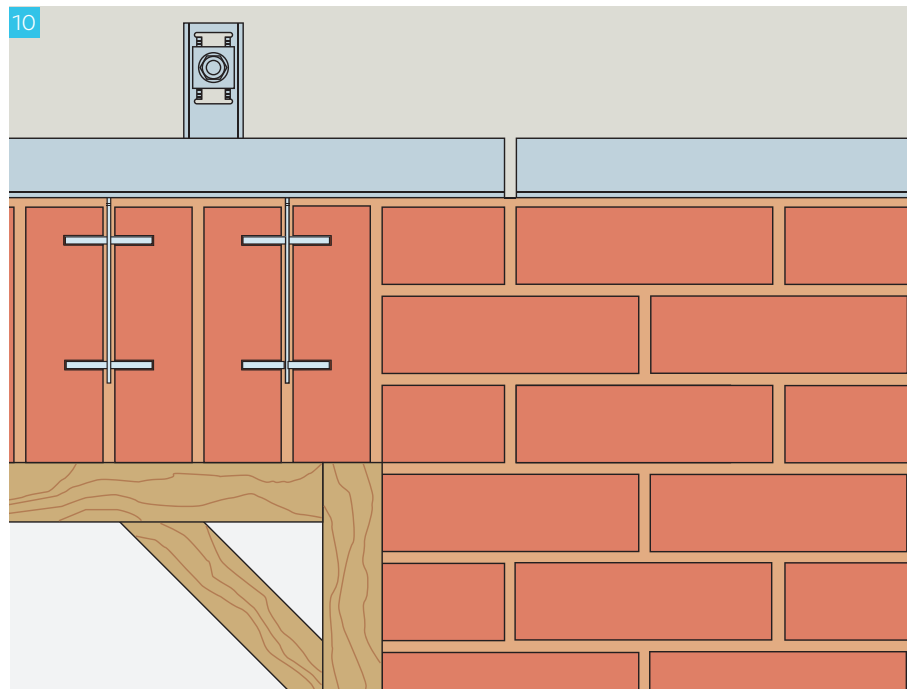
Push the next brick onto the dowelled Hanger Tie.



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



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



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

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).