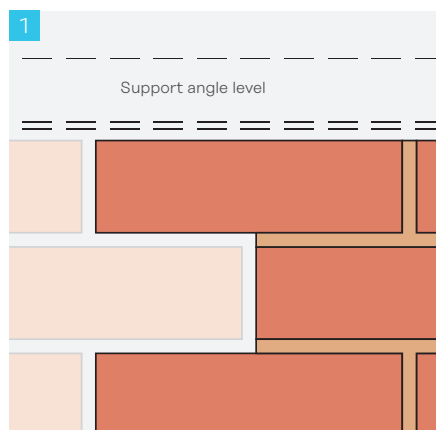


Installation Guide

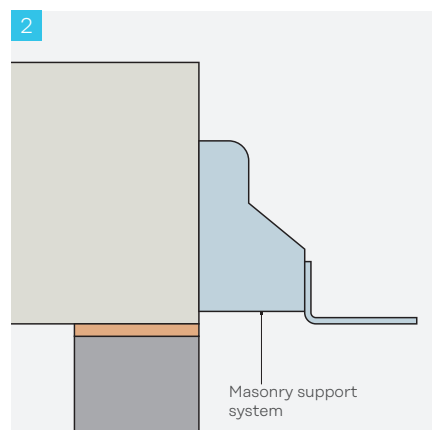
Hanging Brickwork

Stirrups and Stitching Rods System for Cored Bricks

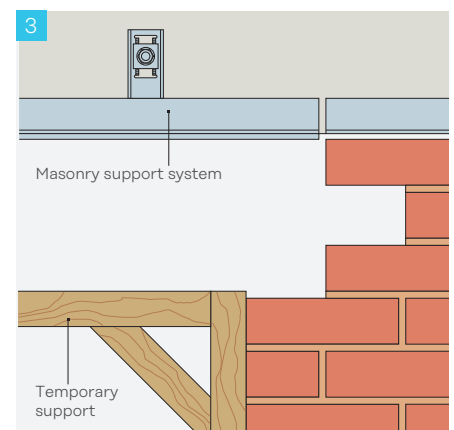
Installation Procedure



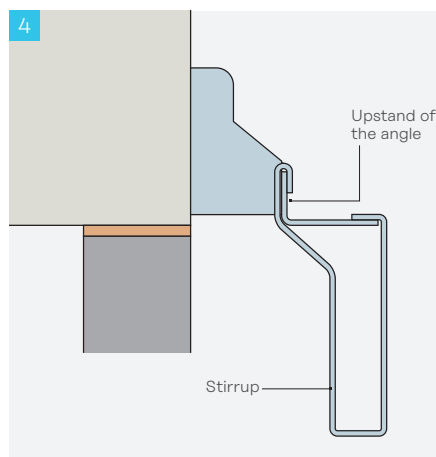
Build brickwork up to support angle level on each side of the opening, ensuring that the top three jamb bricks on one side of the opening are left out to allow the installation of the last soffit brick.



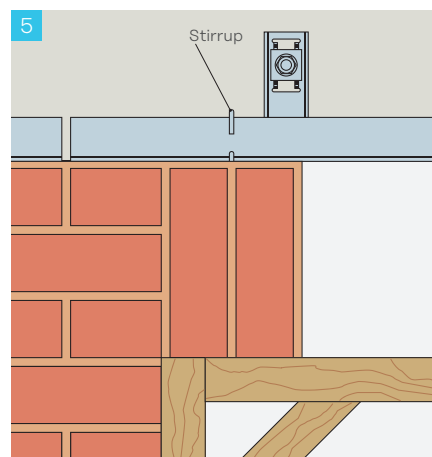
Install masonry support system in accordance with our installation guidance and drawings.



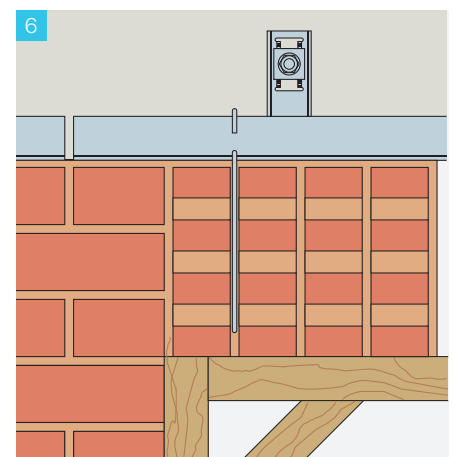
Install temporary support underneath the support angle on the line of the new soffit.



Clip the first stirrup onto the support angle. This should be vertical and hung from the upstand of the angle.



Offer a brick either side of the stirrup, filling the joints completely with fresh mortar. Ensure the void between the underside of the support angle and the top of the hung brick is tightly packed with mortar.



Fill the cores of the bricks completely and lay another two bricks adjacent to these, filling each joint with fresh mortar.



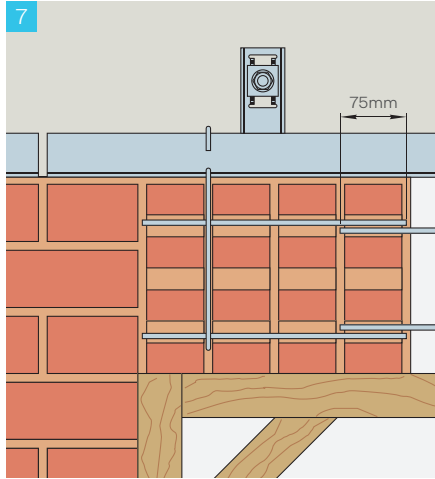
Brick and Mortar Specification

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. Bricks should have a maximum of 3No. cores with a minimum core diameter of 25mm.

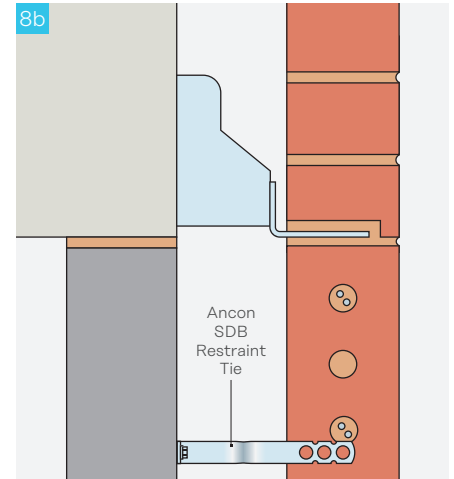
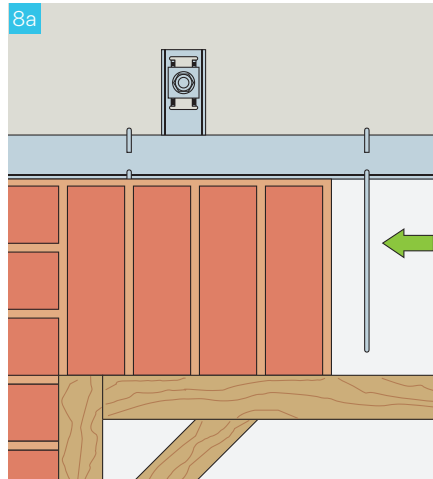
Installation Guide

Hanging Brickwork

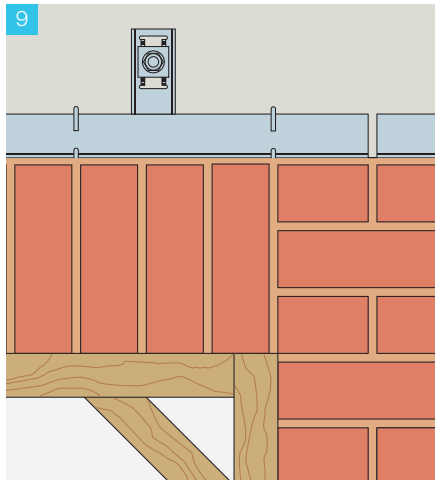
Stirrups and Stitching Rods System for Cored Bricks



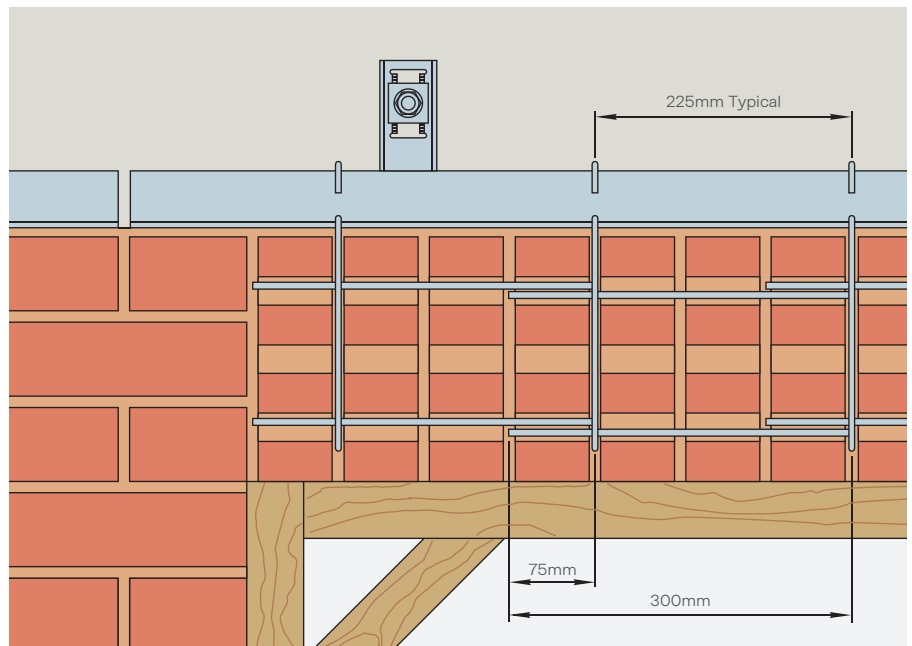
300mm long stitching rods should then be fed through the brick cores as shown, allowing for an overlap of approximately 75mm into the cores of the fourth brick.



Clip the next stirrup onto the support angle, and repeat steps 5-7 until all bricks are installed (8a). Install Ancon SDB Restraint Ties as work progresses, typically 450mm horizontal centres, ensuring that the tie is completely covered with mortar (8b).



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



Section view through cored bricks

10 Once the mortar has achieved its design strength, the temporary support may be removed and the 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. © Protected by copyright

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