Installation Guide

Hanging Brickwork
Stirrups and Stitching Rods System for Cored 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.

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

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

5. Offer a brick either side of the stirrup, filling the joints completely with type M12 (or equivalent) fresh mortar. Ensure the void between the underside of the support angle and the top of the hung brick is tightly packed with mortar.

6. Fill the cores of the bricks completely and lay another two bricks adjacent to these, filling each joint with type M12 (or equivalent) fresh mortar.
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1. Ensure brick cores are completely filled with mortar.
2. Allow a 75mm overlap of 300mm stitching rods.
3. Ties to be installed at 150mm centres.
4. Support level.
5. Top 3 bricks at reveals to be installed after hung soldier course is completed.
6. Additional SPB restraints required as work progresses.
7. Temporary timber support to be installed.
8a. Clip the next stirrup onto the support angle, and repeat steps 5-7 until all bricks are installed.
8b. Install Ancon SPB Restraint Ties as work progresses, typically 450mm horizontal centres, ensuring that the tie is completely covered with mortar.
9a. Install final jamb bricks, filling each joint with fresh mortar.
9b. Section view through cored bricks.

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.)