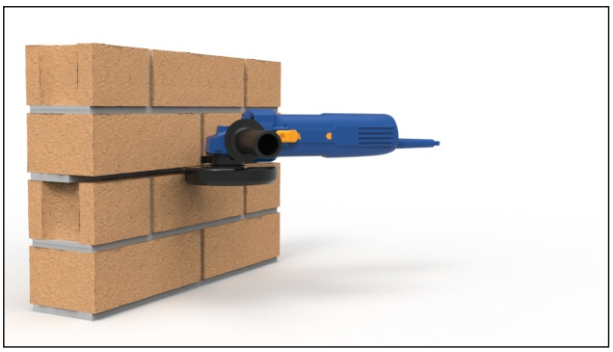
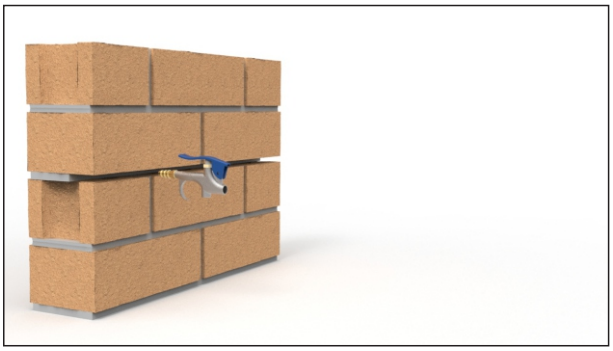
Remedial Crack Stitching Bar – Installation

Installation



Chase the Mortar Bed Joint:

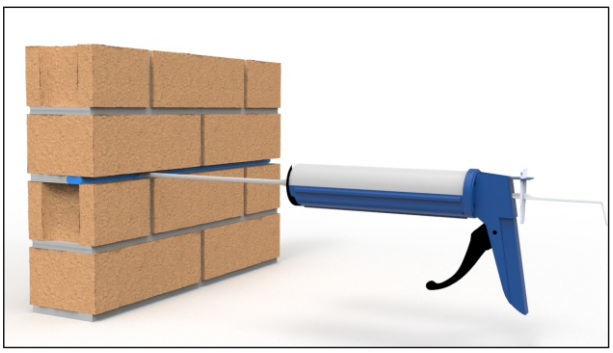
- Using a wall chaser or angle grinder with a diamond blade, cut a slot into the horizontal mortar joint to the specified depth (typically 35mm–40mm).
- Ensure the cut extends a minimum of 500mm on either side of the crack to ensure structural integrity.



Clean and Flush the Slot:

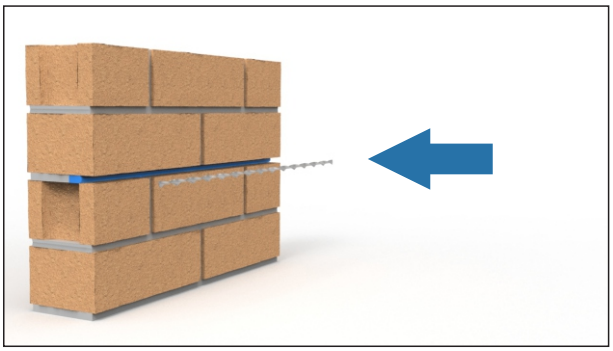
- Remove all loose debris, mortar dust, and grit from the slot using a vacuum or stiff brush.
- Thoroughly flush the slot with clean water.

Note: This step is critical as it primes the masonry substrate and prevents the dry brickwork from sucking the moisture out of the epoxy too quickly.



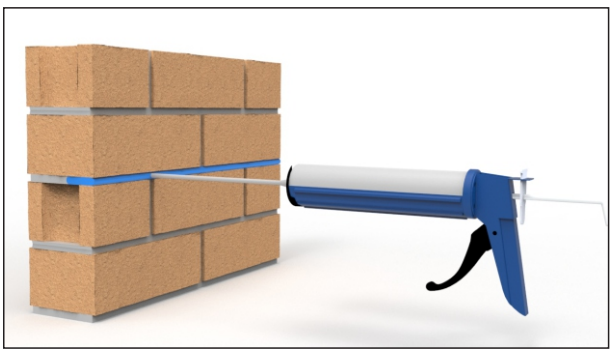
Inject the First Bead of Epoxy:

- Load your applicator gun with the structural epoxy.
- Inject a continuous bead of epoxy into the back of the slot, filling it approximately two-thirds of the way deep.
- Ensure there are no air pockets..



Insert the Crack Stitching Bar:

- Push the crack stitching bar into the fresh epoxy.
- Using a finger trowel or the insertion tool, depress the bar until it is fully embedded and centered in the epoxy layer.
- The twisted design will mechanically interlock with the epoxy as it cures.



Inject Final Epoxy and Repoint:

- Immediately apply a second bead of epoxy over the exposed bar to fill the slot to within 10-15mm of the surface.
- While the epoxy is still workable, apply a final layer of matching mortar to point the joint, ensuring the repair is invisible once dry.