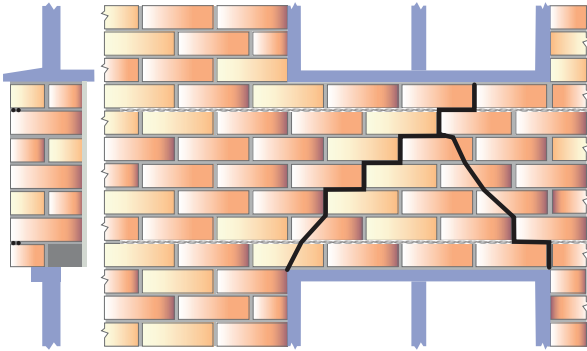


REPAIR OF FAILED LINTELS IN SOLID WALLS USING STRUCSOL ULTRABAR



Recommended Tooling

- ❖ For slots more than 40mm deep: Twin-bladed cutter with vacuum attachment.
- ❖ For mixing StrucSol HSGrout: 3-jaw chuck drill with a mixing paddle.
- ❖ For injection of StrucSol HSGrout: Applicator gun + nozzle.
- ❖ For smoothing pointing: Standard Finger Trowel.
- ❖ For Injection of the StrucSol Crack Filler: A 400ml Mastic Gun is required.
- ❖ PPE Clothing and Protection.

General Notes

If you require specific advice on your project, please call the StrucSol technical help line 0116 2375082. We can supply a full support service which includes:

- ❖ Advice and assistance on all structural matters.
- ❖ Preparing repair proposals for specific projects.

Method Statement:

1. Using a twin bladed wall chaser and vacuum attachment, cut slots into the brickwork to the specified depth and at the required vertical spacing. Ensure that no mortar is left attached to the exposed brick surfaces in order to provide a good masonry / grout bond.
 2. Remove all dust and mortar from the slots and thoroughly flush with water. Ensure the slot is damp or primed prior to commencing step 4.
 3. Mix StrucSol HSGrout using a power mixer and load into the Grout Pointing Gun.
 4. Inject a bead of StrucSol HSGrout, approx. 15mm deep, into the back of the slot.
 5. Push the 6mm StrucSol Ultrabar into the grout to obtain good coverage.
 6. Inject a second bead of StrucSol HSGrout over the exposed StrucSol Ultrabar.
 7. Push the second 6mm StrucSol Ultrabar into the grout to obtain good coverage.
 8. Inject a third bead of StrucSol HSGrout over the exposed StrucSol Ultrabar and iron it into the slot using a finger trowel. Inject additional StrucSol HSGrout as necessary, leaving no less than 10-15mm for new pointing.
 9. Point up the slots using a matching mortar. The cracks within the wall should be weather-proofed using StrucSol TE resin or StrucSol Crack Filler and leave ready for decoration. To achieve a near perfect look, use StrucSol Stain Colour Matching mortar.
- ❖ *Pointing may be carried out as soon as is convenient after the StrucSol HSGrout has started to gel.*

SPECIFICATION NOTES

A	Depth of slot into the masonry to be 45mm to 55mm deep.
B	Height of slot to be equal to full mortar joint height, (min. 10mm). For thin mortar joint specs refer to StrucSol Technical department.
C	Top and bottom reinforcements should be positioned as far apart as practicable, up to a maximum distance equivalent to 12 brick courses, (approx. 900mm).
D	StrucSol Ultrabar to be long enough to extend a minimum of 500mm beyond each side of the opening.
E	Any fractures in the masonry within the 'beam zone' MUST be stabilised by crack-stitching, TE resin or replacement of the masonry.
F	Any missing or very poor quality masonry MUST be replaced.
G	In hot conditions, ensure the masonry is well wetted or primed to prevent premature curing of the StrucSol HSGrout due to rapid de-watering.
H	Do not use StrucSol HSGrout when the air temperature is 4°C and falling, or apply over ice. In all instances, the hole MUST be thoroughly damp or primed prior to injection of the StrucSol HSGrout.
The above specification notes are for general guidance only and StrucSol reserve the right to amend as necessary.	

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Please always wear the appropriate safety and protective clothing when installing fixing and anchor products. Always observe the necessary Health & Safety guidelines.

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