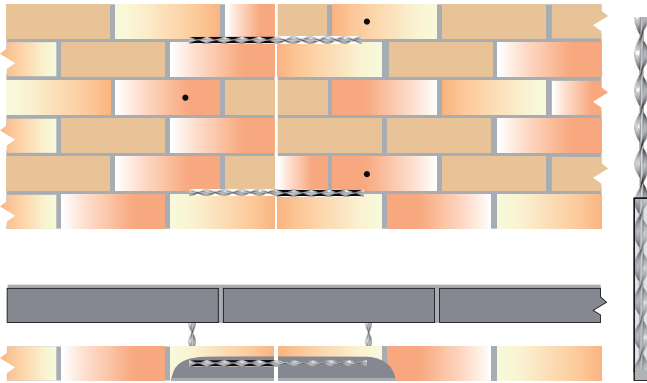


CREATING MOVEMENT JOINTS IN CAVITY WALLS USING STRUCSOL ULTRABAR



Recommended Tooling

- ❏ For cutting slots 40mm deep or over: Twin-bladed cutter with a vacuum attachment.
- ❏ For drilling: SDS Rotary percussion 3-jaw chuck drill.
- ❏ For injection of StrucSol Resin: StrucSol Resin Applicator gun + Nozzle.
- ❏ For smoothing pointing: Standard Finger Trowel.
- ❏ 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. Install the specified number of appropriate StrucSol wall ties adjacent to the movement joint.
 2. 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.
 3. Cut the vertical movement joint to the specified width and at the required location.
 4. Clean out the slots and inject a bead of StrucSol resin, approx. 10mm deep, into the back of the slot.
 5. Fit the de-bond sleeve over one half of the 6mm StrucSol Ultrabar and push the complete assembly into the resin ensuring a good bond between the StrucSol Ultrabar and the sleeve in the slot. (Ensure that no resin comes into contact with the end of the StrucSol Ultrabar covered by the sleeve, as this end **MUST** be free to move).
 6. Inject a second bead of StrucSol Resin up against the StrucSol Ultrabar and tube assembly to obtain good coverage of both.
 7. Point up the open slot with a matching mortar to suit.
 8. Seal the joint with a suitable flexible mastic type material.
 9. Clean the tools with both clean, fresh water and a suitable polyester resin cleaner, where applicable.
- ❏ *Pointing may be carried out as soon as is convenient after the StrucSol Resin has started to gel.*

SPECIFICATION NOTES

The following criteria are to be used unless specified otherwise.

A	Depth of slot to accommodate the StrucSol Ultrabar and sleeve assembly to be 40mm.
B	Height of slot to be equal to full mortar joint height, with a min. of 10 mm. For thin mortar joint specifications refer to StrucSol Technical Dept..
C	StrucSol Ultrabar should extend a minimum of 200mm either side of the expansion joint.
D	Stagger the position of the sleeve on adjacent StrucSol Ultrabars.
E	StrucSol Ultrabars to be installed to a maximum of 300mm vertical spacing.
F	Suitable StrucSol wall ties to be installed on each side of the newly formed expansion joint, not more than 225mm back from the joint and at a maximum of 300mm vertical spacing.

The above specification notes are for general guidance only and StrucSol reserve the right to amend as necessary.

JT Consulting, Unit 5Q, Sileby Road Industrial Estate, Barrow Upon Soar, LE12 8LP

Tel 0116 2375082, Email: sales@strucsol.com, www.strucsol.co.uk

Company Reg 09707405

V.A.T Reg. GB230398223

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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The above information is given in good faith, and may be subject to alteration at any time without prior notification.