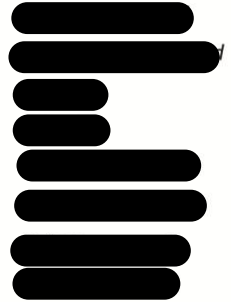


Garlands
Billinghurst
West Sussex
RH14 9BH
Tel: 07590266222



Re: Garlands, Billinghurst, West Sussex, RH14 9BH.

Thank you for the kind invitation to provide a quotation for structural stabilisation works at the above named property. The specification is based on our survey conducted on 03.06.2026. The following repair proposal is designed to restore the structural integrity of the masonry where cracking has occurred by the introduction of the Helifix system installed laterally to distribute the structural loads and horizontally across existing cracks, additionally lateral restraint batt straps installed, thus offering substantial resistance to further cracking and downward movement.

Please note the purpose of this specification is to make recommendations regarding any necessary remedial works to the areas as specified. It does not constitute a full structural survey, and clients should not regard this as a replacement for one.

SPECIFICATION

Rear Elevation

1. Install 6 No twin bands of Helibar 60 stainless steel bed joint reinforcing, positioned laterally to distribute the structural loads, returned to flank (indicated red), as detailed on enclosed ASRS drawing. Installed in accordance with manufacturers method statement LB-04 or similar (copy enclosed).
2. Rake out existing cracks and inject with thixotropic cementitious grout.

3. Make good all areas of mortar disturbed by our installation.

External Left Flank

1. Install 9 No twin bands of Helibar 60 stainless steel bed joint reinforcing, positioned laterally to distribute the structural loads, 6 No returned to rear and 3 No returned to internal (indicated red), as detailed on enclosed ASRS drawing. Installed in accordance with manufacturers method statement LB-04 or similar (copy enclosed).
2. Rake out existing cracks and inject with thixotropic cementitious grout.
3. Make good all areas of mortar disturbed by our installation.

Internal Ground Floor Cloakroom/Toilet Flank Wall

1. Install 4 No 5mm galvanised lateral restraint batt straps, to be positioned as detailed on enclosed ASRS drawing.
2. Rake out existing cracks and inject with thixotropic cementitious grout.
3. Make good all areas of plasterwork disturbed by our installation.

Rear Wall

1. Remove the central heating radiator.
2. Install 5 No single bands of Helibar 60 stainless steel crack reinforcing, positioned horizontally across existing cracks, as detailed on enclosed ASRS drawing. Installed in accordance with manufacturers method statement CS-06 or similar (copy enclosed).
3. Rake out existing cracks and inject with thixotropic cementitious grout.
4. Remove/refix new plasterboard to full wall as detailed on enclosed ASRS drawing.
5. Make good all areas of plasterwork disturbed by our installation.
6. Reinstall the central heating radiator.

Cross Wall

1. Install 3 No single bands of Helibar 60 stainless steel crack reinforcing, positioned horizontally across existing cracks, drilled back 100mm and resin bonded (indicated black), as detailed on enclosed ASRS drawing. Installed in accordance with manufacturers method statement CS-06 or similar (copy enclosed).

2. Rake out existing cracks and inject with thixotropic cementitious grout.
3. Make good all areas of plasterwork disturbed by our installation.

Internal Hallway Flank Wall

1. Install 2 No 5mm galvanised lateral restraint batt straps, to be positioned as detailed on enclosed ASRS drawing.
2. Rake out existing cracks and inject with thixotropic cementitious grout.
3. Make good all areas of plasterwork disturbed by our installation.

Cross Wall

1. Install 3 No twin bands of Helibar 60 stainless steel bed joint reinforcing, positioned laterally to distribute the structural loads, returned to external (indicated red), as detailed on enclosed ASRS drawing. Installed in accordance with manufacturers method statement LB-04 or similar (copy enclosed).
2. Rake out existing cracks and inject with thixotropic cementitious grout.
3. Make good all areas of plasterwork disturbed by our installation.

Rear Wall of The Main House

1. Remove sections of plasterboard to areas hatched out blue only, as detailed on enclosed ASRS drawing.
2. Install 6 No single bands of Helibar 60 stainless steel crack reinforcing, positioned horizontally across existing cracks, as detailed on enclosed ASRS drawing. Installed in accordance with manufacturers method statement CS-06 or similar (copy enclosed).
3. Rake out existing cracks and inject with thixotropic cementitious grout.
4. Reinstate sections of plasterboard to areas hatched out blue only, as detailed on enclosed ASRS drawing.
5. Make good all areas of plasterwork disturbed by our installation.

[REDACTED]

[REDACTED]

[REDACTED]

Please refer to our terms and conditions if a 10-year warranty is required.

For the purposes of section 55A VAT Act 1994 reverse charge for building and construction services, we will assume that you are an end-user unless you confirm otherwise in writing on acceptance of this quotation.

Our aim is to offer cost-effective permanent solutions for all structural and building repairs. With over 20 years of hard work, dedication, and skill we strive to maintain our high standards. As gold members of Constructionline and proudly accredited with ISO 9001:2015 for the provision of design and installation services for masonry reinforcement and stabilisation of structures we will continue to provide the highest service and standards to all customers.

Should our quotation be successful, we would request 1–2 weeks' notice of commencement. A deposit equal to 30% of the contract value (plus VAT) will be payable within 1 working day of your order, this is to enable the materials are delivered before commencement on site.

Please Note: This quotation is valid for 30 days from the date above

ASRS to provide the following:

- a) Temporarily remove/reinstate the central heating radiator to allow ASRS safe access to areas to be worked on.

No allowance has been made within our quotation for the following:

- a) Provision of any necessary parking permits required.
- b) Removing the shrubs to external left flank.
- c) Making good all areas of decoration disturbed by our installation.
- d) Any other works.

To be undertaken by Client prior to installation:-

- a) Provide mains electricity and clean water supply.
- b) Ensure clear access to all areas to be worked on.
- c) Provide any necessary parking permits required.
- d) Remove shrubs to external left flank.
- e) Remove all internal/external fittings and features preventing ASRS access to areas to be worked on.

Note: the company cannot accept responsibility for damage to clients' personal effects affixed on or near to walls to be worked on.

We hope this meets with your approval, if we can be of any further assistance regarding this or any other matter, please do not hesitate to contact the writer.

Yours sincerely

[Redacted Signature]

[Redacted Title]

Encs Drawing Sheet No's. 1-3
Method Statements
Terms and Conditions

ASRS LTD
JOB REF: 15409 (Revised)
STANDARD TERMS & CONDITIONS -1

The specification and drawings are prepared for the above-named client and his professional advisers only. They may not be copied or used by third parties without specific written permission.

The quotation supplied by ASRS Ltd hereafter called 'the Company' supplied on the understanding that the Employer prior to commencement date completes all preparatory works required by the specification.

The Company reserve the right to alter their work specification according to site conditions.

The employer may postpone an agreed commencement date provided 10 working day notice is given in writing and a new date re-arranged without incurring additional costs.

The Company reserves the right to recover costs incurred in the event of cancellation.

The work may proceed during the Companies normal working hours Monday – Saturday 7.30 a.m. – 6.00 p.m. or by arrangement with the Employer outside these times.

The Company shall carry out the works in accordance with its Health & Safety Policy.

The Employer will ensure that all personnel entering site, apart from ASRS employees, are aware of possible dangers.

The Company will repair or replace any damages or breakages caused by negligence of Company employees. The Company cannot accept responsibility for damage to services not indicated by the Employer.

It is the customers sole responsibility to provide the Company with a plan of the routes of all pipes, wires, conduits etc on the customers property. If the customer fails to provide a plan, the Company will not be liable for any loss or damage perceived to have arisen as a result of our works.

The Company is not responsible for electrical wiring or any domestic water supply inside cavity wall construction.

The Company cannot accept responsibility for damages or breakages caused by disturbance necessary to complete the works.

Prior to commencement date all notices or negotiations to adjoining property owners, local authorities and third parties will have been served.

On completion of structural repairs, every effort will be made to obtain the closest match possible to areas of render/pebble dash/tyrolene. Please be advised that some slight variation/scarring may be evident due to the age and natural shade variations of the existing.

Clients who wish to continue to us ASRS hired scaffolding upon completion of ASRS works must take over hire of the equipment from the scaffolding hire company immediately.

Where ASRS are not contracted to carry out redecoration works after completion of internal structural making good repairs, we strongly advise rubbing down of newly plastered areas once they have thoroughly dried.

Should there be significant foundation movement in the future whether as a result of subsidence, slope instability or roof spread. We confirm that the superstructure works may not provide sufficient stability and consequently additional measures may be necessary.

A deposit of equal to 30% of the contract value plus VAT is payable with order. The remaining balance will become due on completion of works at which time our invoice will be issued.

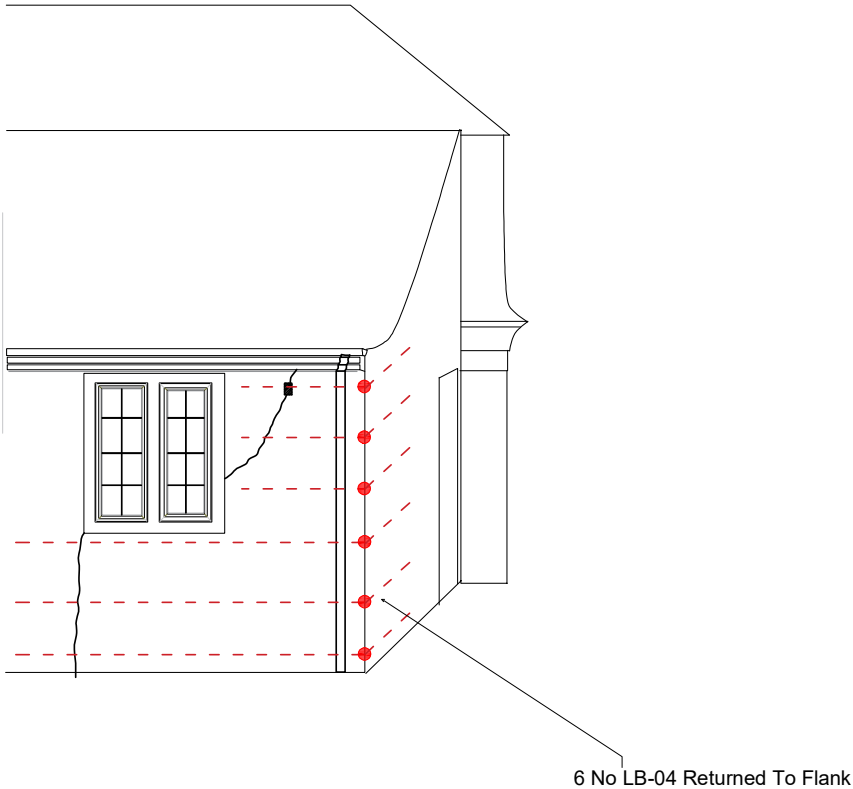
10 yr Guarantees (where applicable) are not included in the quotation price unless specified. Guarantees are offered at a premium of 8% of the invoice value. (Minimum charge £130.00 plus VAT) and will be forwarded upon receipt of full payment.

Arrangements must be made prior to commencement of work for access to interior of property.

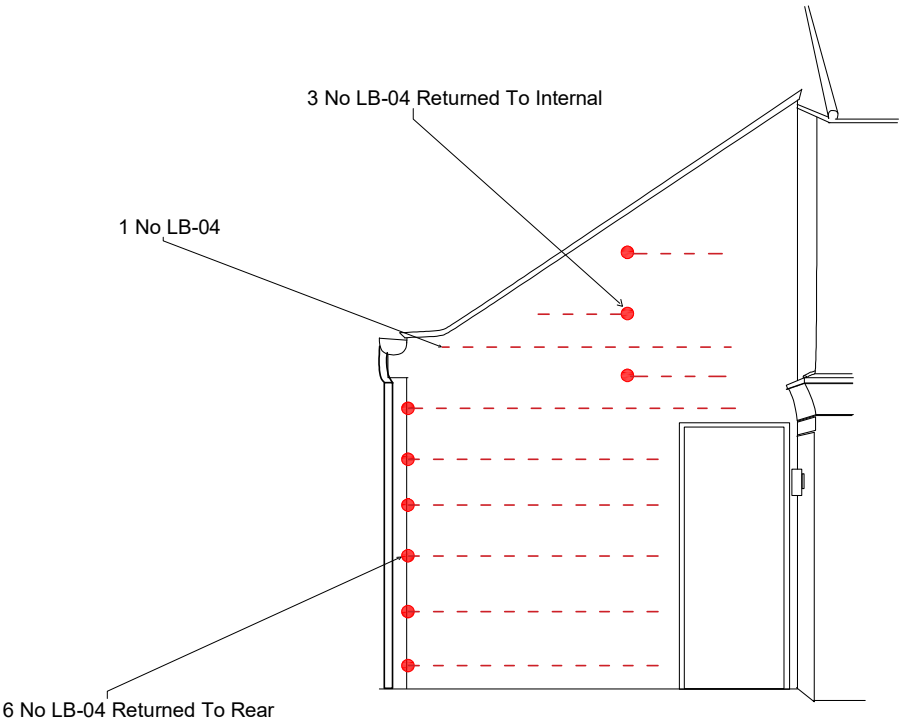
All materials remain the property of the Company until invoices are settled in full.

Acceptance of quotation is deemed to be acceptance of these Terms and Conditions.

Rear Elevation



External Left Flank

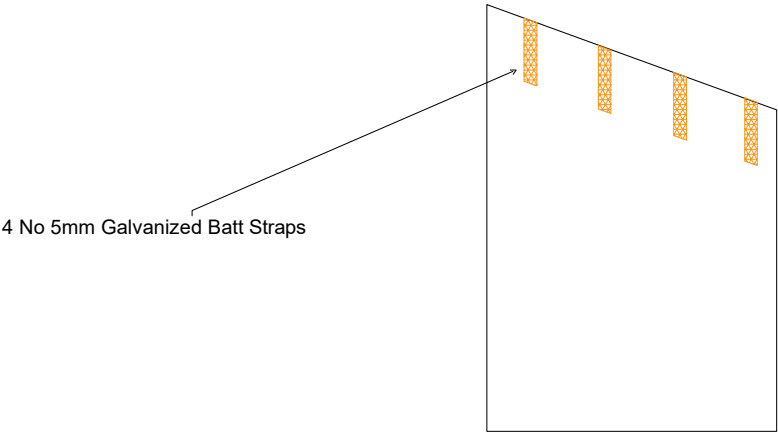


Key Twin Helibar (LB-04) Returned	ASRS Ref:	Date:	Repair Spec By:	Drawn By	Sheet No	
	ASRS 15409 -1	08/06/2026	RA	TH	1	
	Project Address:					
	Garlands, Billinghamurst, West Sussex, RH14 9BH					
	Checked By:	Drawing Title:				
JS	Rear Elevation Works					

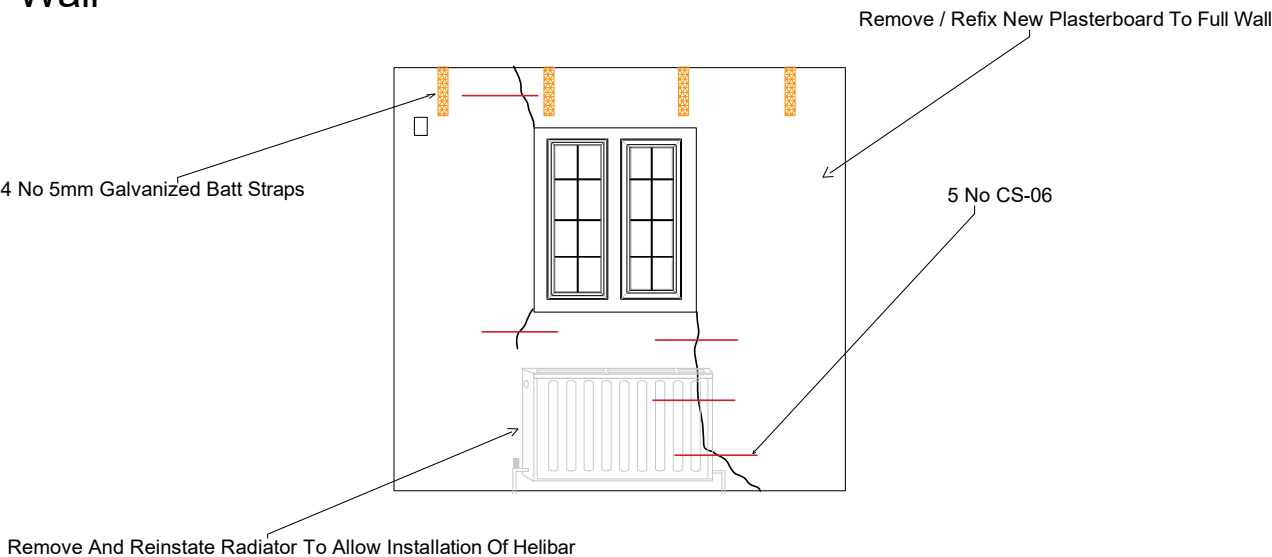
Garlands, Billinghamurst, West Sussex, RH14 9BH

Internal Ground Floor Cloak Room / Talet

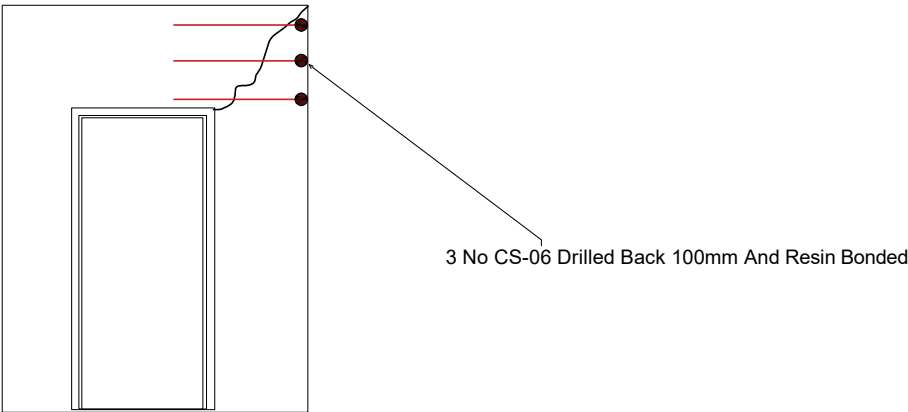
Flank Wall

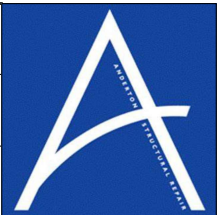


Rear Wall



Cross Wall

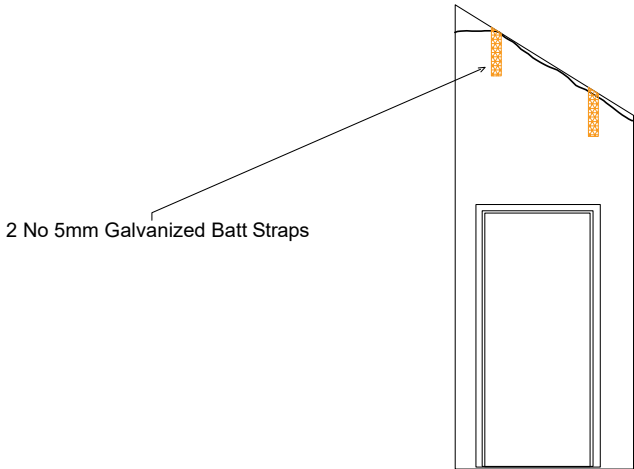


Key Single Helibar (CS-06)  5mm Galvanized Batt Straps  Drilled Back 	ASRS Ref: ASRS 15409-1	Date: 08/06/2026	Repair Spec By: DWA	Drawn By TH	Sheet No 2	
	Project Address: Garlands, Billinghamurst, West Sussex, RH14 9BH					
	Checked By: JS		Drawing Title: Internal Works			

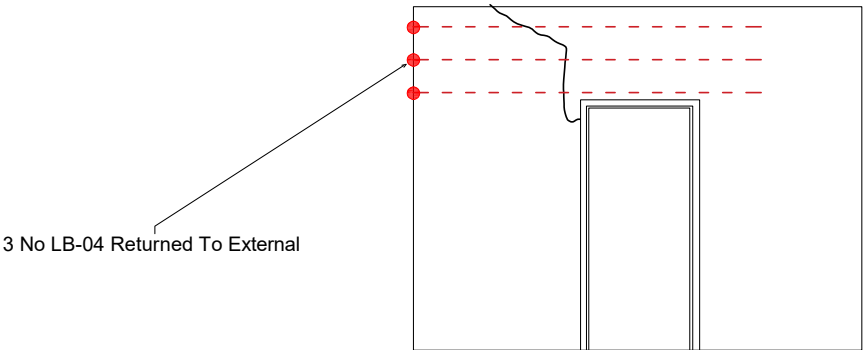
Garlands, Billinghamurst, West Sussex, RH14 9BH

Internal Hallway

Flank Wall

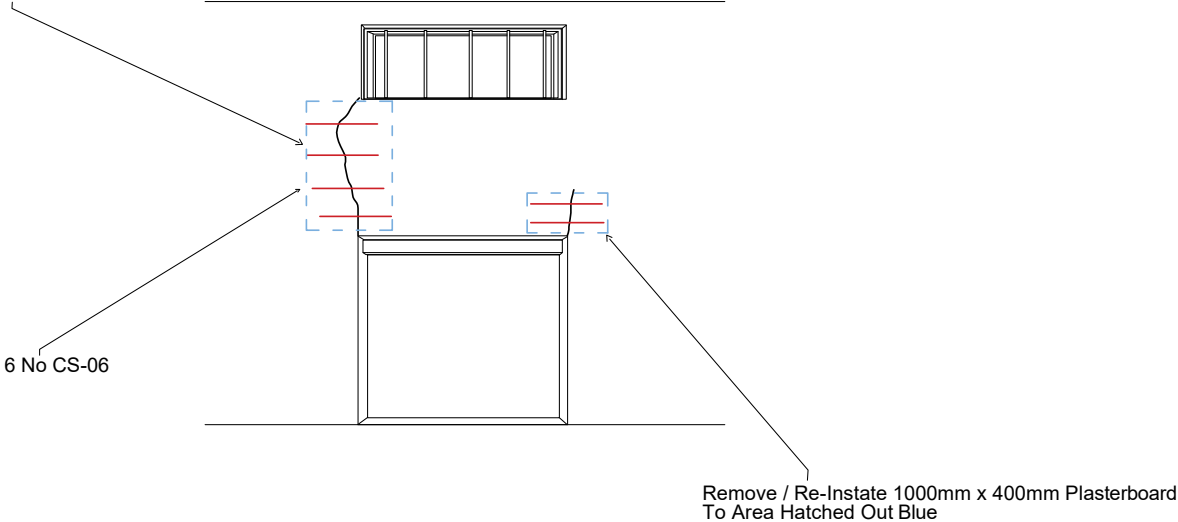


Cross Wall



Rear Wall Of The Main House

Remove / Re-Instate 1000mm x 1000mm Plasterboard
To Area Hatched Out Blue



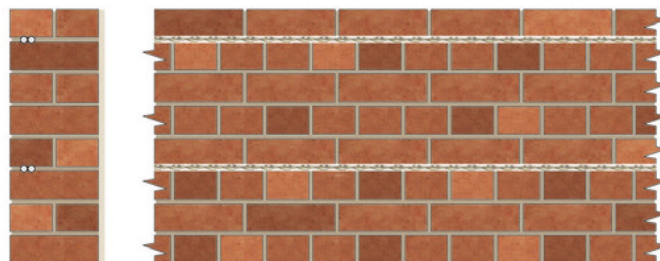
Key Twin Helibar (LB-04) — — — — Single Helibar (CS-06) ————— 5mm Galvanized Batt Straps [Hatched Pattern] Returned ●	ASRS Ref:	Date:	Repair Spec By:	Drawn By	Sheet No
	ASRS 15409-1	08/06/2026	DWA	TH	3
	Project Address:				
	Garlands, Billinghamurst, West Sussex, RH14 9BH				
	Checked By:	Drawing Title:			
	JS	Internal Works			

Creating Load Bearing Beams in Solid Walls using HeliBars

METHOD STATEMENT

1. Using a twin bladed, diamond tipped wall chaser and vacuum attachment followed by a hand or power chisel, cut slots into horizontal mortar joints, 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. Where the substrate is very porous or flushing with water is inappropriate, use HeliPrimer WB. Ensure the slot is damp or primed prior to commencing step 5.
3. Mix HeliBond cementitious grout using a power mixer and load into the Helifix Pointing Gun CS.
4. Fit appropriate mortar nozzle.
5. Inject a bead of HeliBond cementitious grout, approx. 15mm deep, into the back of the slot.
6. Push the first 6mm HeliBar into the grout to obtain good coverage.
7. Inject a second bead of HeliBond grout over the exposed HeliBar.
8. Push the second 6mm HeliBar into the grout to obtain good coverage.
9. Inject a third bead of HeliBond grout over the exposed HeliBar and iron it into the slot using a finger trowel. Inject additional HeliBond as necessary, leaving 10-15mm for new pointing.
10. Point up the remaining slot with matching mortar to suit.
11. Clean tools with clean, fresh water.

N.B. Pointing may be carried out as soon as is convenient after the HeliBond has started to gel.



RECOMMENDED TOOLING

- **For cutting slots up to 40mm deep**
Twin bladed cutter with vacuum attachment
- **To achieve final depth of slot beyond 40mm**
Hand or power chisel
- **For mixing HeliBond**
3-jaw-chuck drill with mixing paddle
- **For injection of HeliBond into slots**
Helifix Pointing Gun CS with mortar nozzle
- **For smoothing pointing**
Standard finger trowel

Specification Notes

The following criteria are to be used unless specified otherwise:

- A. Depth of slot into the masonry to be 55mm to 70mm.
- B. Height of slot to be equal to full mortar joint height, with a minimum of 8mm. For thin mortar joint specifications refer to the Helifix Technical Dept.
- C. If HeliBars are to be joined in a straight run, overlap the bars by a minimum of 500mm.

Continued...

- D.** Top and bottom reinforcements should be positioned as far apart as practicable, up to a maximum distance equivalent to 12 brick courses (approx. 900mm).
- E.** Any fractures in the masonry within the 'beam zone' MUST be stabilised by Crack Stitching, CrackBond TE or replacement of the masonry.
- F.** Any missing or very poor quality masonry MUST be replaced.
- G.** Multiple Helibeamers should be installed starting at the top and working down to the bottom.
- H.** In hot conditions ensure the masonry is well wetted or primed to prevent premature drying of the HeliBond due to rapid de-watering. Ideally additional wetting of the slot, or priming with HeliPrimer WB, should be carried out just prior to injecting the HeliBond grout.
- I.** Do not use HeliBond when the air temperature is +4°C and falling or apply over ice. In all instances the slot must be thoroughly damp or primed prior to injection of the HeliBond grout.

The above specification notes are for general guidance only and Helifix reserves the right to amend details/notes as necessary.

This repair is to be undertaken by a Helifix Approved Installer only.



GENERAL NOTES

If your application differs from this repair detail or you require specific advice on your particular project or Helifix products, call our Technical Sales Team on **020 8735 5222**.

Our Technical Department can provide you with a full support service including:

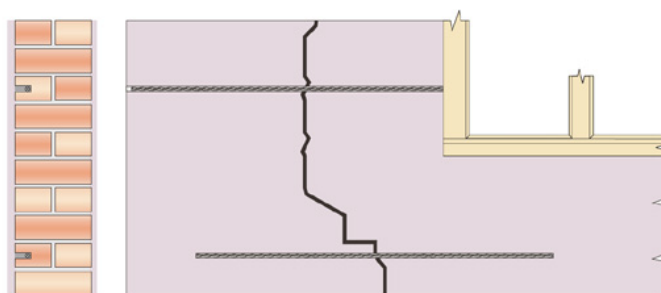
- Advice, assistance and recommendations on all structural repair matters
- Devising and preparing complete repair proposals for specific situations
- An insurance-backed warranty via our Approved Installers scheme

Crack Stitching a Rendered Solid Wall using HeliBars

METHOD STATEMENT

1. Using a twin-bladed, diamond-tipped wall chaser with vacuum attachment, cut slots into the brickwork to the specified depth and at the required vertical spacing.
2. Remove ALL dust and mortar from the slots and thoroughly flush with water. Where the substrate is very porous or flushing with water is inappropriate, use HeliPrimer WB. Ensure the slot is damp or primed prior to commencing step 5.
3. Mix HeliBond cementitious grout using a power mixer and load into the Helifix Pointing Gun CS.
4. Fit the appropriate mortar nozzle.
5. Inject a bead of HeliBond grout, approx. 15mm deep, into the back of the slot.
6. Push the 6mm HeliBar into the grout to obtain good coverage.
7. Inject a second bead of HeliBond grout over the exposed HeliBar and iron it into the slot using a finger trowel. Inject additional HeliBond as necessary, leaving 10-15mm for making good the render.
8. The crack within the wall should be weather-proofed using an appropriate Helifix bonding agent e.g. HeliBond or CrackBond, depending on the width of the crack and the surface made good or left ready for any decoration.
9. Clean tools with clean, fresh water.

N.B. Pointing may be carried out as soon as is convenient after the HeliBond has started to gel.



RECOMMENDED TOOLING

- **For cutting slots up to 40mm deep**
Twin bladed cutter with vacuum attachment
- **For mixing HeliBond**
3-jaw-chuck drill with mixing paddle
- **For injection of HeliBond into slots**
Helifix Pointing Gun CS with mortar nozzle
- **For smoothing pointing**
Standard finger trowel

Specification Notes

The following criteria are to be used unless specified otherwise:

- A. Depth of slot into the masonry is to be 35mm to 40mm deep, plus the thickness of the render, by 10mm high.
- B. HeliBar to be long enough to extend a minimum of 500mm either side of the crack or 500mm beyond the outer cracks if two or more adjacent cracks are being stitched using one rod.

Continued...

- C.** Normal vertical spacing is 450mm (6 brick courses).
- D.** Where a crack is less than 500mm from the end of a wall or an opening the HeliBar is to be continued for at least 100mm around the corner and bonded into the adjoining wall or bent back and fixed into the reveal, avoiding any DPC.
- E.** In hot conditions ensure the masonry is well wetted or primed to prevent premature curing of the HeliBond due to rapid de-watering. Ideally additional wetting of the slot, or priming with HeliPrimer WB, should be carried out just prior to injecting the HeliBond grout.
- F.** Do not use HeliBond when the air temperature is +4°C and falling or apply over ice. In all instances the slot must be thoroughly damp or primed prior to injection of the HeliBond grout.

The above specification notes are for general guidance only and Helifix reserves the right to amend details/notes as necessary.

GENERAL NOTES

If your application differs from this repair detail or you require specific advice on your particular project or Helifix products, call our Technical Sales Team on **020 8735 5222**.

Our Technical Department can provide you with a full support service including:

- Advice, assistance and recommendations on all structural repair matters
- Devising and preparing complete repair proposals for specific situations
- An insurance-backed warranty via our Approved Installers scheme