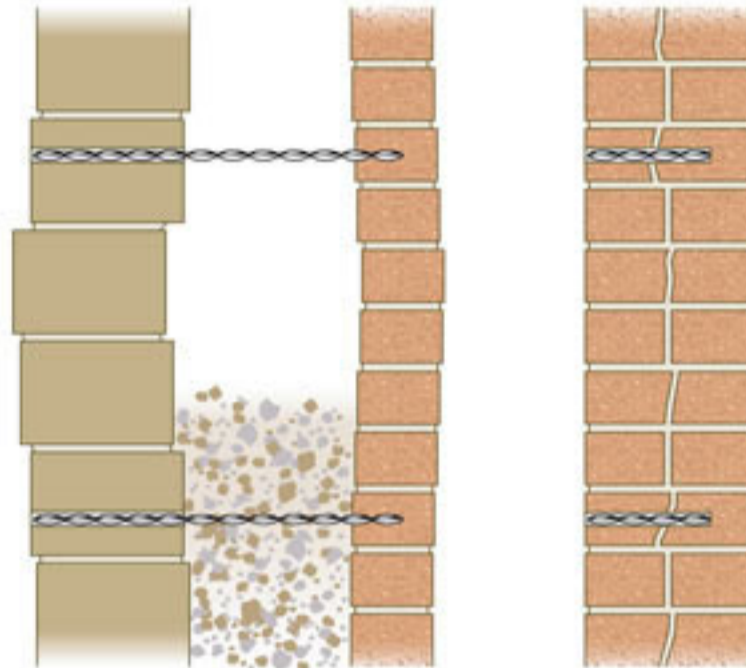


Repair of Delaminated or Separating Masonry in a Rubble Filled or Solid Wall using Thor Grout Ties

Method Statement

1. Mark fixing positions on the outer face of the wall.
2. Drill 14mm clearance holes (16mm if the Grout Tie is longer than 450mm) to the required depth.
3. Clean out all dust from the holes and thoroughly flush with water. Use Thor Primer to seal the faces of the hole where substrate is very porous or water can't be used.
4. Attach the appropriate length of Grout Tie pinning nozzle to the grout gun.
5. Mix the Thor WHO Grout constituents together, as directed, in the bucket provided using a powered mixing paddle. Additional liquid should not be added.
6. Load the grout into the grout gun and pump grout to fill the nozzle.
7. Screw the Grout Tie into the pinning nozzle and ensure it is fully encapsulated in grout.
8. Insert the nozzle to the full depth of the hole and pump the grout gun to expel the grout and Grout Tie. Finish the grout back from face of brickwork to allow application of a colour matched mortar.



SPECIFICATION NOTES

The following criteria are to be used unless specified otherwise:

- A. Grout Ties to be installed at a density of 2.5 ties/m² (i.e. 900mm horizontal and 450mm vertical spacings with alternate rows staggered)
- B. Additional ties to be installed around openings at 300mm vertical centres and 225mm back from opening
- C. Depth of the clearance hole to be Grout Tie length +25mm.
- D. **Climatic Conditions.** In hot conditions Thor WHO 60 grout should be stored and mixed in the shade to maximize the working life of the mixed product. As Thor WHO 60 grout is a cementitious product it should not be used when the temperature is +4°C and falling.

RECOMMENDED TOOLING

- A. 14mm dia. drill bit of appropriate length.
- B. Power mixing paddle.
- C. Thor Grout gun and injection nozzle.
- D. 2.5kg SDS hammer drill
- E. Grout Tie pinning nozzle of appropriate length.

General Notes

These notes are for general use only. Should these notes not apply to your specific project, please consult the Thor Helical Remedial Technical Support Team on 0870 6006164. Thor Helical Remedial are able to offer a full project design service by either our in house design team or our National network of Approved installers. In most instances this service is provided free of charge. Projects completed by our network of approved installers offer the benefit of a fully underwritten insurance backed guarantee.