



## Thor Grout Bonded Tie Installation

Recommended for inconsistent quality masonry, rubble-filled or where deep embedment required.

### Cavity Walls

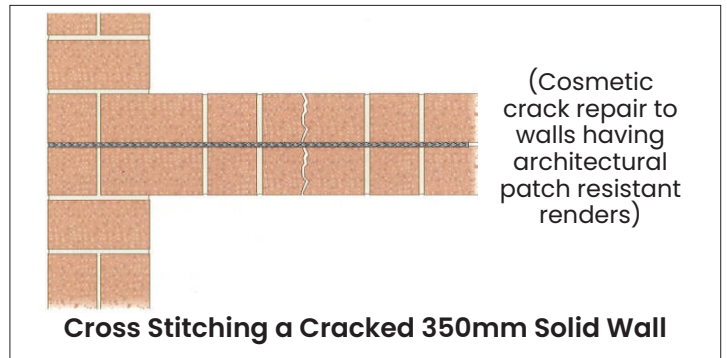
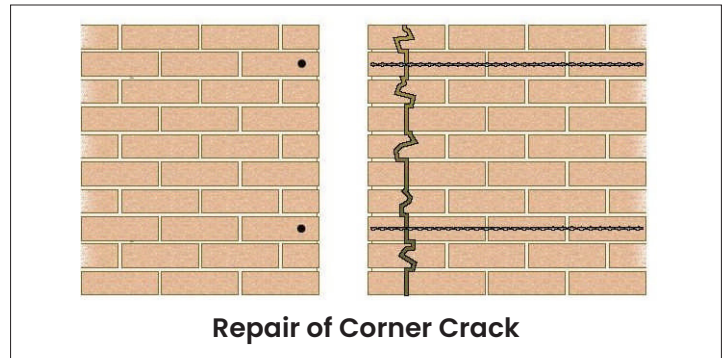
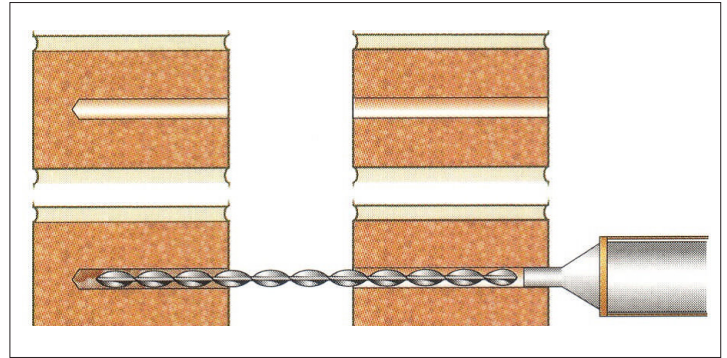
- 1 Drill 12 – 14mm pilot holes to both leaves using masonry drill and clean hole of all drillings and dust – inner lead minimum embedment of 75mm.
- 2 Holes should be thoroughly flushed with water, or treated with a suitable primer where high porosity masonry exists.
- 3 Install Thor Grout to remote leaf drilled hole, with appropriate tool, and insert tie.
- 4 **(Test Only)** Apply test procedure after curing period.
- 5 Install Thor Grout to nearside leaf encapsulating the recessed tie and make good in accordance with specification.

(N.B. for solid walls – fully grout drilled holes and then insert tie)

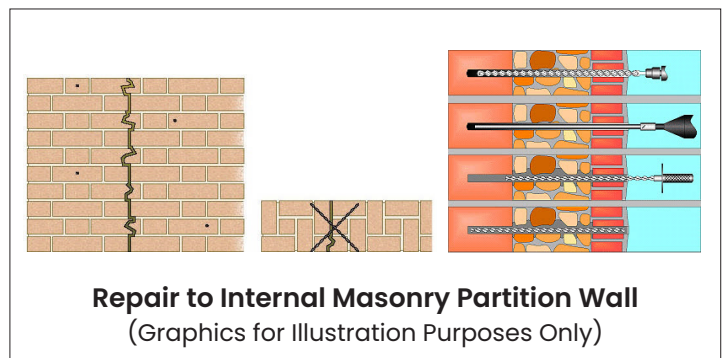
Cavity Wall Tie Spacing – must be determined by a Consulting Structural Engineer – subject to minimum tensile proof loads being achieved and in accordance with A.S. 3700 2001.

**i.e. Maximum allowable 600mm grid spacing.**

Thor Grout Bonded tie procedures may be combined where far connection leaf is either harder than near leaf, or, is constructed with hardwood timber studs or timber floor/ceiling/roof timbers.



(Cosmetic crack repair to walls having architectural patch resistant renders)



### Thor Indicative Usage Rates

| HOLE DIAMETER      | APPROX. USAGE RATE |
|--------------------|--------------------|
| 12mm (110ml/litre) | 8 meters/litre     |
| 13mm (125ml/litre) | 7 meters/litre     |
| 14mm (150ml/litre) | 68 meters/litre    |