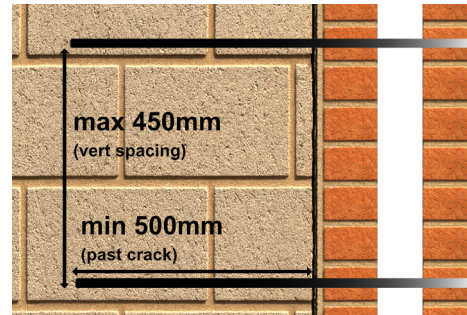


**CRACKED OR
SEPARATED
MASONRY
ABUTTING
A CAVITY
WALL AT 90
DEGREES**



1). Drill 22mm holes at vertical centres through the outer leaf and into the perpendicular internal wall. Set out as indicated and ensure the drill hole is 15mm longer than the tie. Clean the holes & thoroughly flush with water.



2). Test assemble the applicator gun, using the supplied metal threaded funnel & metal threaded pinning nozzle. Ensure the drilled holes are fully accessible & measure the required cut if pinning nozzle is too long. Unscrew the nozzle & use a hand hacksaw to cut to size. The sock anchors have a sealed and an open end, if necessary, trim the open end so that it matches the required length of cementitious tie



3). Remove the black cylinder and metal threaded funnel from the applicator gun housing. Ensure funnel is tightly sealed over cylinder. Mix Titan Ties cementitious grout in accordance with pack instructions. Load the cylinder with the grout mix and assemble the applicator.



4). Screw the pinning nozzle to the funnel & apply pressure to the trigger until grout starts to exit the nozzle. Take a Titan helical cementitious tie and wind it into the primed pinning nozzle until completely encased in the grouted nozzle. Clean the end of the nozzle & insert a suitably trimmed sock over the nozzle - Important - the trimmed sock must still have a sealed end at the tip of the nozzle.



5). Flush the holes again with water. Then Insert the loaded applicator / nozzle / tie / sock assembly into the back of each hole. Gently apply pressure, extruding the grout, sock & tie as the applicator is withdrawn.



6). The sock will expand slightly at the cavity but will prevent spillage into the cavity itself. Continue installation until the bars are extruded & grout is visible at the entry holes. Check grout level after every installation. Once cured, the holes & the crack itself can be filled with Titan Ties Injectable Repair Mortar. A colour matching mortar kit can also be used to closely match existing masonry.

SPECIFICATIONS

Cementitious Tie Specification		
Bar Profile	TC 8mm	12mm
Tensile Strength (kN)	12.4	24.2
Yield Point (N/mm ²)	778	718
E - Modulus (G Pa)	150	146
Full Declaration of Performance and Test Data Available on Request		

All buyers are advised to wear suitable personal protective equipment and check available product data to satisfy themselves of safe operating procedures. Buyers should seek the advice of a structural engineer or suitably qualified surveyor prior to undertaking installation. Information provided is for guidance only and no liability is taken. The buyer is responsible for ensuring the materials procured are suitable and fit for purpose. 'StructuralSupplies.co.uk' and 'Titan Ties' are registered trademarks and trading entities of Earlswood Trading Limited, all rights reserved.

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For our installation
video

