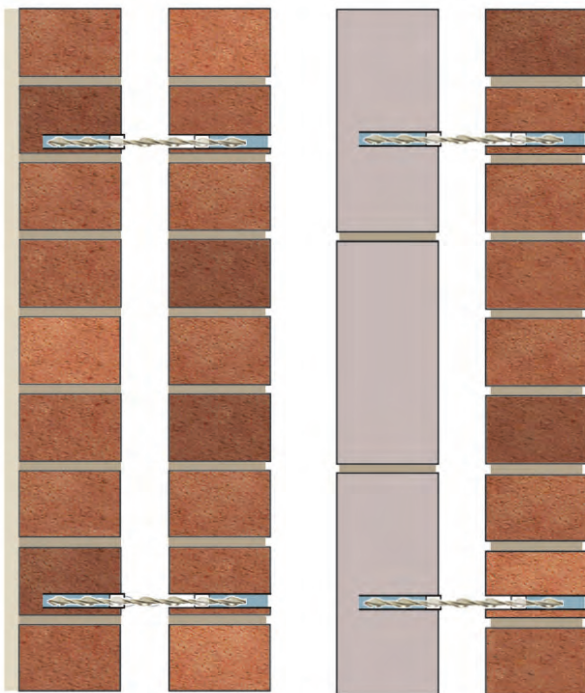


# ResiTie

A remedial wall tie with a resin / resin fix

## APPLICATIONS

- Replacement tie for cavity walls where a resin bond is required at both ends of the tie
- Recommended for small jobs requiring 200 ties or less
- Pinning multi-layer masonry (with ties up to 300mm long)



Remedial wall tie – brick to brick and brick to block

Over 100 standard repair specifications are available online, covering all common structural faults.

**Relevant Repair Details: RD WT32**



## FEATURES

- Quick, easy, non-disruptive installation
- Effective in all common building materials
- Far and near leaf security of fixing easily proof tested
- Flexibility accommodates normal building movement



Injecting PolyPlus resin into near leaf to complete the ResiTie installation



## TECHNICAL SPECIFICATIONS

### RESITIE

Material	Austenitic stainless steel Grade 304 (1.4301) or 316 (1.4401)
Diameter	6mm
Length	$\frac{3}{4}$ of near leaf thickness + cavity width + 55mm
Standard lengths	155mm, 170mm, 195mm, 220mm, 245mm, 270mm and 295mm – in packs of 50
Diameter of clearance hole	10mm
Depth of clearance hole in far leaf	55mm
Minimum fixing density	Ties should be at 900mm centres horizontally by 450mm vertically, in a staggered pattern, or as specified
Bonding agent	PolyPlus resin

### RECOMMENDED TOOLING

For drilling clearance hole	SDS hammer drill or rotary percussion drill, where possible
For installing ResiTie	Helifix ResiTie hand held Support Tool
For injecting resin into the far leaf	Metal nozzle extension
For proof testing	Helifix Load Test Unit

### INSTALLATION PROCEDURES



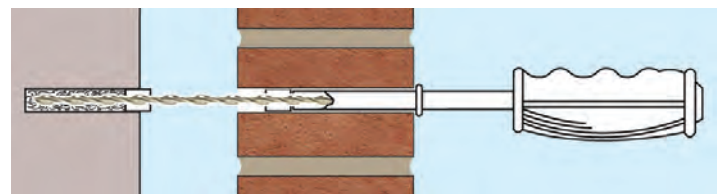
1. Mark the points for the ResiTies on the near leaf brickwork. Using a 10mm drill bit and rotary percussion drill, where possible, drill a clearance hole through the near leaf and 55mm into the far leaf. The hole should be drilled about half way up the brick and around 15mm from the end to avoid frogs and core holes.



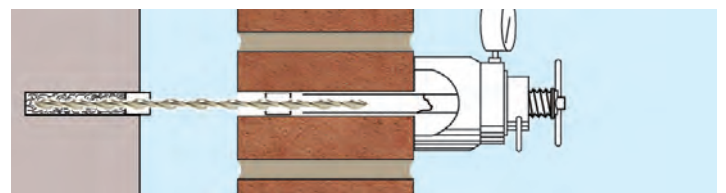
2. Clean both holes of debris using a pneumatic spoil cleaner or an airjet.



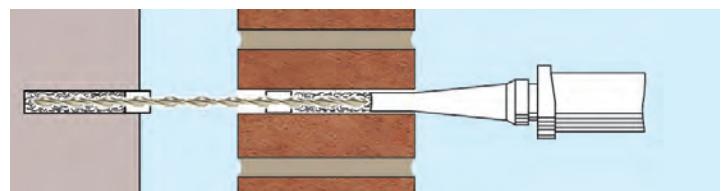
3. Inject PolyPlus resin to fill the hole in the far leaf.



4. Using the hand-held support tool, insert the ResiTie, with plastic sleeves fitted, into the clearance hole until the far sleeve enters the far leaf.



5. After the resin has cured, security of fixing in the far leaf can be tested with a Helifix Load Test Unit.



6. Inject PolyPlus resin into the near leaf until the hole is filled and then make good the outer face.