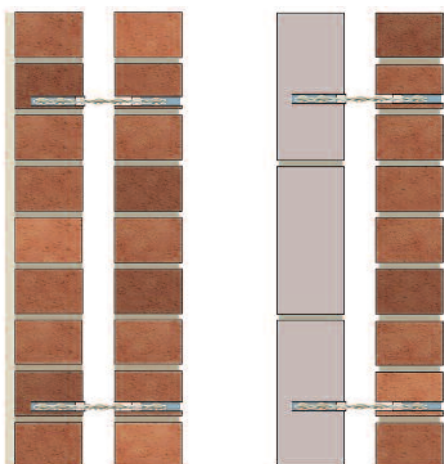


ResiTie

A remedial wall tie with a resin / resin fix

Applications

- Retrofit wall tie used where a resin bond is required at both ends of the tie
- Recommended for small jobs to minimise specialist tooling requirements or situations not suited to mechanical pinning
- Pinning multi-layer masonry



Features

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

Over 50 standard repair specifications are available online, covering all common structural faults.
Relevant Repair Detail: RT03



Scan the QR Code for full Product Information, Case Studies and downloadable Repair Details

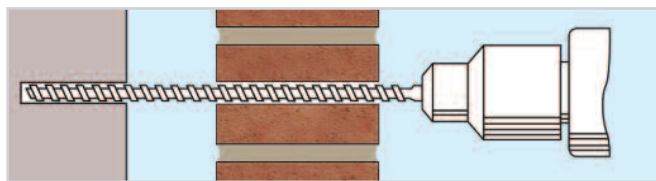


Injecting EpoxyPlus resin into near leaf to complete the ResiTie installation

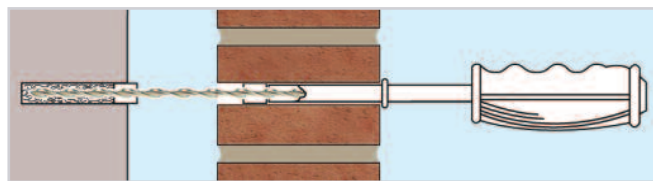
Related Publications

Technical:	Remedial Stainless Steel Wall Ties PS/DFRTRTi01
Drilling and Load Testing:	Drilling and Testing Guide PS/DT01
Health and Safety:	Safe Installation Guide
Relevant Repair Detail:	RT03

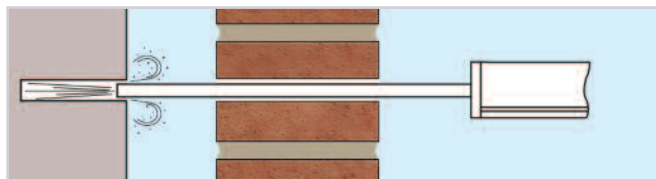
Installation Procedures



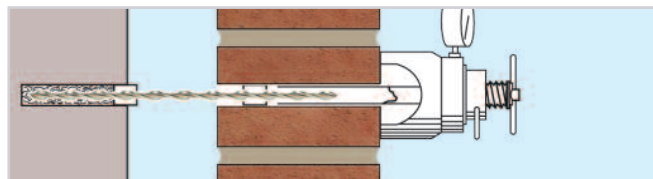
1. Mark the points for the ResiTies on the near leaf brickwork. Using a 10mm drill bit and rotary percussion drill, where possible, drill a clearance hole through the near leaf and 55mm into the far leaf. The hole should be drilled about half way up the brick and around 15mm from the end to avoid frogs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



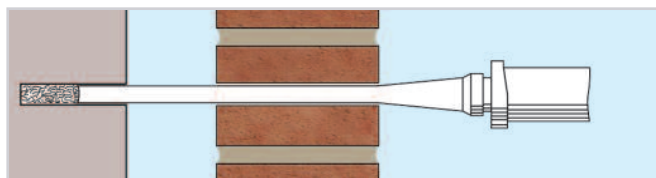
4. Using the hand-held support tool, insert the ResiTie into the clearance hole



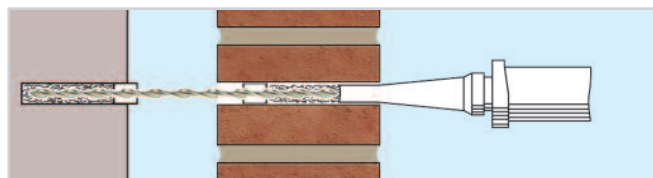
2. Clean both holes of debris using a brush and airjet



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



3. Inject EpoxyPlus TE resin to fill the hole in the far leaf



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

Technical Specifications

Material:	Austenitic stainless steel Grade 316 as standard (Grade 304 also available)
Diameter*:	8mm standard (10mm available)
Cross sectional area:	10mm ² (15mm ²)
Length:	¾ of near leaf thickness + cavity width + minimum 55mm far leaf penetration
Standard lengths:	Standard cut lengths up to 500mm
Diameter of clearance hole:	10mm (12mm for a 10mm tie)
Depth of clearance hole in far leaf:	55mm
Minimum fixing density:	Project Specific
Bonding agent:	EpoxyPlus TE resin
Characteristic Performance†:	Earthquake Medium Duty, for cavity 75mm AS/NZS2699.1 Type B Classification (8.0mm Tie)

*NOTE Diameter measures from fin edge to fin edge.

†NOTE Classification derived from laboratory testing using selected materials. See the Helifix Remedial Wall Tie sheet (PS/DFRTRT01) and related test materials for further details. Site conditions, including base materials and cavity widths, can vary widely and published loads and classifications are to be used as guide values only.

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:	Nozzle extension
For proof testing:	Helifix Load Test Unit
For cleaning hole:	Airjet and brush