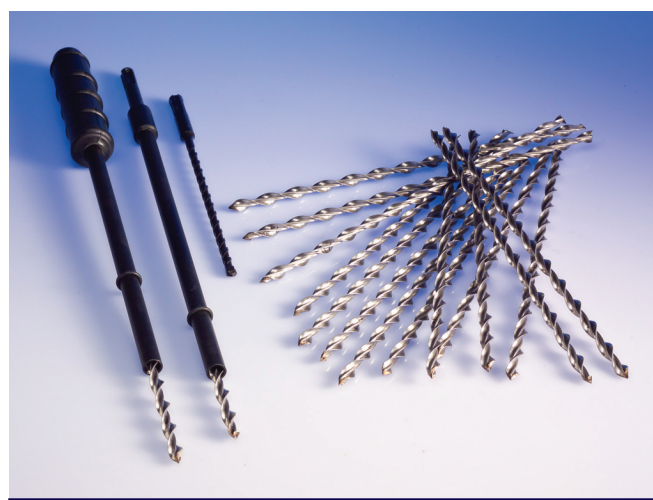
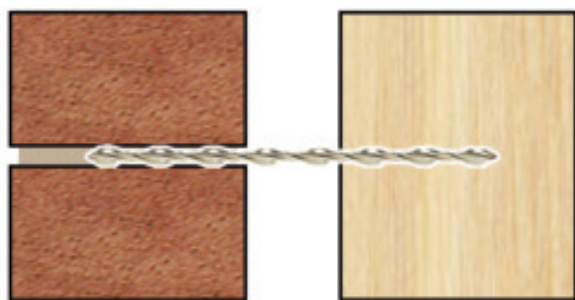


# StarTie

New build wall tie for extending or securing a new leaf to an existing wall

## APPLICATIONS

- For tying a new inner or outer skin to an existing wall
- For securing a new section of wall where damaged masonry is being taken down and reinstated



## FEATURES

- Stainless steel helical tie
- Effective in bricks, blocks, stone, concrete and regional materials
- Installed through insulation without affecting its thermal properties
- Great axial strength
- Excellent holding power
- Accommodates normal building movement

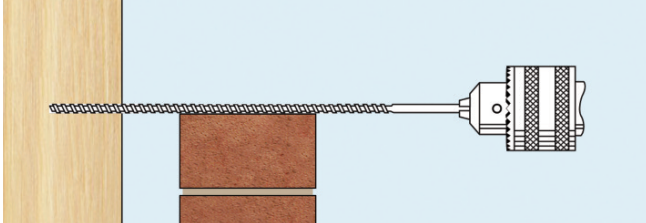
Standard repair specifications available online, covering common structural faults.

**Relevant Repair Detail: ST02. Refer also to BPIR Helifix StarTie Product Information Sheet.**

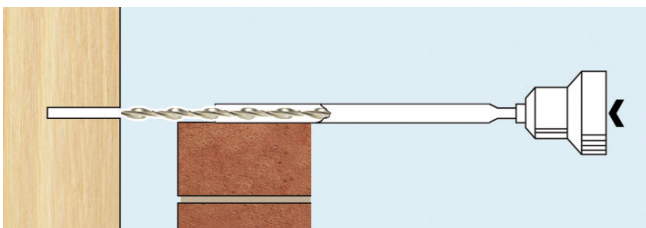


For full product information, case studies and downloadable repair details go to:  
**[www.helifix.co.nz /products/new-build-ties-fixings/startie](http://www.helifix.co.nz/products/new-build-ties-fixings/startie)**

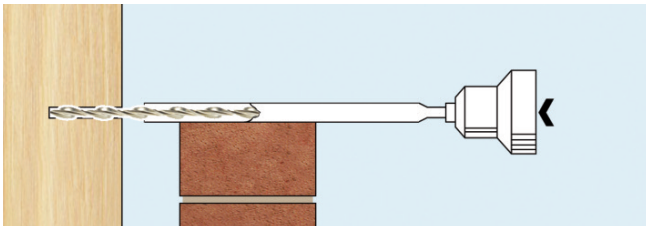
## INSTALLATION PROCEDURES



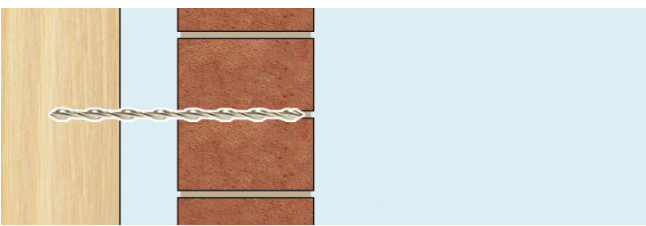
1. Drill pilot hole into existing wall (not required with low density timber).



2. Load tie into support tool and line up with pilot hole while resting support tool on new leaf.



3. Drive in tie with SDS drill. (If insulation is installed, fit retaining clip over the StarTie).



4. Embed the outer end of the StarTie into the mortar as the new leaf is constructed.

## TECHNICAL SPECIFICATIONS

### STARTIE

Material	Austenitic stainless steel Grade 316 (as standard)
Standard lengths	155mm, 170mm, 195mm, 220mm, 245mm, 270mm, 295mm and 325mm. Other lengths available on request
Diameter	8mm
Diameter of pilot hole (if required)	3mm to 5mm (typically)
Penetration into far leaf material	70mm
Embedment depth in near leaf material	3/4 of the near leaf thickness
Minimum fixing density	Refer to the specification

### RECOMMENDED TOOLING

For installing StarTie	Helifix Support Tool fitted to an electric hammer drill (SDS type)
------------------------	--