

# Remedial Products

Helifix products are made from high tensile Grade 304 (1.4301) or 316 (1.4401) stainless steel to a unique helical design. This creates a slim profile with a large surface area that ensures a secure and lasting connection, with or without grouts or resins, in bricks, blocks, stone, concrete and wood as well as local building materials. It also means all products have great axial strength combined with flexibility which allows

natural structural movement and avoids the introduction of any additional stresses.

Quick, easy and economical to install, the self-tapping properties of Helifix products provide excellent holding power and avoid splitting timber or masonry. Once installed, all products are fully concealed and leave the building structurally secure but virtually unmarked.



## HeliBar

HeliBar, despite its relatively small cross section, adds substantial tensile properties to the masonry when combined with HeliBond cementitious grout which locks between the fins in a composite action and bonds to the masonry. Consequently, HeliBars have a variety of remedial and new build applications.

## HeliBond

Injectable, cementitious grout.

## Crack Stitching

Repairing and stabilising cracked brickwork or stonework is best achieved by bonding HeliBars into appropriate bed joints or cut slots with HeliBond grout.

## Helibeam

Pairs of long length HelixBars are bonded into pre-determined mortar beds or cut slots in the existing masonry to form deep masonry beams that reinforce the masonry and redistribute the structural loads.

## Helibeam System

A complete masonry repair solution, comprising any combination of products from the Helifix range.

## DryFix

Dry mechanical pinning and remedial tying system.

## Render Pin

Stainless steel helical pin that rapidly secures separated render.

## Asymmetric Tie

Secures relatively soft outer leaf material to harder inner leaf material.

## Terracotta Tie

Secures fragile terracotta facings, delicate decorations and features which have become loose or are suffering from stress fractures.

## BowTie & BowTie HD

Remedial ties for restraining bowed walls.

## RetroTie

Remedial wall tie with a mechanical fixing into the far leaf with resin bonding in the near leaf.

## ResiTie

Remedial wall tie with a resin bond at both ends.

## CemenTie

Remedial wall tie for use with thin wall far leaves and in buildings over four storeys high.

## CemTie

Versatile grouted tie for stabilising all forms of solid masonry.

## SockFix

Grouted sock anchor: A mechanical and chemical anchor system for stabilising masonry structures.

## Dixie Micro-piles

Proven, low cost and rapidly installed structural support system to stabilise foundations.

## PatchPin

Provides a strong mechanical key when patch repairing reinforced concrete.

## PolyPlus

General purpose polyester resin.

## PolyPlus SF

Styrene-free polyester resin.

## CrackBond TE

General purpose epoxy resin.

## CrackFix

Crack-injection kit for concrete.

