

Frequently asked questions

What happens with any cracks in the walls?

Wall cracks can close up as the building is raised, allowing simple final repairs to follow. Windows and doors often will work properly again.

Will there be a mess?

Very little, if any. We use Teretek® engineered resin injection technology, which is likened to “keyhole surgery”, or JOG Computer-Controlled Grouting, with no major excavation and minimal disruption or mess. The injection holes required are very small.

How long does it take to lift a house?

Each and every project is different – the amount of lift, area for correction, building construction and ground conditions can all vary. Most projects will be completed within a day or two.

Do I need to move out?

Most projects do not require occupants to move out of the property and they may not even need to move furniture.

What warranty will I get?

The materials we use have been developed for use underground and have been specifically engineered to resist shrinkage and deterioration. Materials are warranted by Mainmark for a period of 20 years.

Is it safe and environmentally friendly?

Injected Teretek® and JOG material are environmentally inert, and have no detrimental effects on the environment.

Who will carry out and be responsible for the work?

The work will be carried out by Mainmark, using our own experienced technicians and Quality Management System. Mainmark complies with Health & Safety standards and is certified by SMAS, CHAS and SAFE.



WINNER

Mainmark – proud winners of the ‘International Project of the Year Award’ at the 2016 Ground Engineering Awards in the UK.

About Mainmark

Mainmark offers unique, innovative solutions for rectifying ground engineering problems like sunken foundations in residential, industrial, commercial, civil engineering and mining situations.

For more than 20 years, Mainmark has built its reputation by providing cost effective and efficient solutions, and great products. Globally we have led the world in developing some of the most advanced and accurate solutions for structure re-leveling, including our proprietary Teretek® engineered resin injection solution, as an alternative to traditional underpinning.

Globally, we have successfully treated over 11,000 sites, varying from small domestic applications to large commercial, industrial, civil and mining projects.

We have developed expertise in other innovative ground engineering and asset preservation technologies such as JOG Computer-Controlled Grouting and Terefil®.

Get peace of mind with Mainmark.

Contact us today!

0800 975 0507
www.mainmark.com/uk

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Is your home suffering from subsidence or cracking?

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Assessment

Cracks in your walls and sinking floors in your home usually appear because part or all of your house has subsided. A common cause of such subsidence is movement or settlement of soils under your home.

Another cause of subsidence is weak ground which can be from broken pipes, poor surface drainage, floods and poorly compacted soil.

The best long-term solution starts at the root of the problem. The foundations of your home must be raised, re-levelled and re-supported.

With Mainmark's solutions, building footings are returned to correct levels rapidly. Footings, as well as driveways can all be re-levelled. Where required, weak foundation ground can be strengthened too.

We visit your home and assess it. Our experienced engineers and technicians establish the approach needed, creating a plan specific to the needs of your house.

Before Mainmark begins re-levelling or re-supporting your home, broken or leaking pipes should be fixed and problem tree roots removed.

Our fully equipped, self-contained operations units help ensure minimal intrusion to your property.

Procedure

The traditional method of re-levelling homes was concrete underpinning. This method has major drawbacks, being a lengthy and messy process. It involves excavation to make large holes under the building's footings, pouring in concrete, waiting for it to set and then jacking the house up off the concrete blocks.

Teretek® is the modern way to re-support the footings in your house. It's like keyhole surgery and most jobs can be done in a day.

Our method is state-of-the-art, and like the best solutions, it's as simple as: 1, 2, 3!

- 1 Our proprietary Teretek® engineered resin solution is injected into the ground beneath your home through tiny holes.
- 2 The Teretek® resins expand to fill any voids and compact weak ground, then the enormous pressure exerted raises and re-levels the home.
- 3 The upward lift is carefully and precisely monitored and controlled using laser levels.

For larger buildings or where there is significant ground settlement we use the JOG method which is a computerised system of grout injection. It enables level correction of complex, large and heavy-weight structures.

Results



As footings are raised back to their original levels, windows and doors often begin to work properly again. Gaps between skirting boards and sunken floors usually close up.

Wall cracks can close up as the Teretek® solution raises and re-levels the foundations. With brickwork, some re-pointing of mortar joints may be required and with plaster or render walls, some fine patching and repainting may be needed.

Sunken driveways and parking areas can also be re-levelled; trip hazards, bumps and dips are removed. Vehicles can often drive over the area just 30 minutes later.