

Frequently asked questions

What happens with any cracks in the walls?

Wall cracks may 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 home 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. Teretek® is warranted by Mainmark for an industry leading period of 50 years.

How many projects has Mainmark completed?

We have successfully completed over 11,000 residential, industrial and civil works projects in Australia and New Zealand.

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 is certified to the standards: ISO 9001:2015 | ISO 14001:2015 | AS/NZS 4801:2008.

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. We lead 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.

We have successfully treated over 11,000 sites in Australasia, varying from small domestic applications to large commercial, industrial, civil and mining projects. Worldwide, Mainmark has completed many tens of thousands of projects.

We have developed expertise in other innovative ground engineering technologies such as JOG Computer-Controlled Grouting and Jet Grouting.

**Get peace of mind with Mainmark.
Contact us today!**

**1800 623 312
www.mainmark.com**

Mainmark Ground Engineering Pty Ltd | ABN 55 160 982 366
Building Licences: NSW: 288848C | ACT: 2019436
SA: BLD 269074 | VIC: CCB-L 57503 & CDB-L 49144 |
TAS: 104771555 | QLD: QBCC Licence No: 1316403

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**Sinking floors?
Cracked walls?
Weak ground?**

Raise, re-level and re-support your home with Mainmark's cost effective, non-invasive solutions

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mainmark



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 shrinkage of reactive clay soils. The shrinkage of the reactive clay soil can be caused by drought or tree roots removing moisture.

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 footings of your house must be raised, re-levelled and re-supported.

With Mainmark's solutions, building footings are returned to correct levels rapidly. Strip footings, raft slabs, and infill slabs, 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 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 and then raise and re-level the home.
- 3 Enormous pressure can be exerted and it's controlled by constant monitoring using laser level.

For larger homes or where there is seismic activity 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 towards their correct levels, windows and doors often begin to work properly again. Gaps between skirting boards and sunken floors usually close up.

Wall cracks may close up as the Teretek® solution raises the foundation back towards the agreed level. 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 drive over the area just 30 minutes later.