

## Frequently asked questions

### **What happens with unlevel driveways, floors and hardstand areas?**

After application of the Mainmark solution, unlevel surfaces will become aligned again as the ground underneath is strengthened and re-supported. Simple cosmetic repairs may be required.

### **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?**

Each project is different and depends on the required amount of lift, area for correction, building construction, and ground conditions. Most projects can be completed in a day or two and we can work at night, or on one area at a time, so your business can keep operating.

### **Do I need to send my workers home?**

No, most projects don't require you to vacate the premises or even move furniture or equipment. For the most part, you can keep operating as normal. Driveways can often be driven on in as little as 30 minutes after treatment.

### **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.

### **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.



WINNER

Mainmark – proud winners of the 'International Project of the Year Award' at the 2016 Ground Engineering Awards.

### **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](http://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



## Uneven floors? Sinking foundations? Don't let it get worse.

Raise, re-level, and re-support buildings, floors, concrete slabs and driveways with Mainmark's cost effective, non-invasive solutions

**Contact us now**

**1800 623 312 | [www.mainmark.com](http://www.mainmark.com)**

**mainmark**



## Identifying the Problem

Sunken or unlevel floors and hardstand surfaces can be a sign of foundation ground subsidence. Importantly, they can be a trip hazard, particularly if they cause water to pool in certain areas, further increasing the risk of slips and falls for our employees.

If the area is a hardstand for plant and equipment, uneven floors can result in machinery becoming unlevel or misaligned. This can create significant issues around machine maintenance and performance; some sensitive machines can start producing faulty outputs and it could even void the machine's warranty.

These unlevel surfaces usually indicate soil subsidence underneath, which can deteriorate further and cause expensive, hard-to-fix damage to buildings and other structures. Even an unlevel driveway, left untreated for too long, can become fragmented and unsalvageable.

It's essential to fix these problems as soon as possible to prevent further damage and potential hazards.

## Applying the Solution

Addressing these problems starts with strengthening the ground underneath the structure, increasing its bearing capacity and improving the soil density. Mainmark has a range of solutions that can help bring the structure or concrete slab back to level, re-supporting it well into the future.

We've replaced traditional, expensive, and messy underpinning methods with a key-hole surgical approach that is non-disruptive; in most cases you can still operate your business while we're working on the premises.

Projects can often be finished in a single day and, the surface is stable enough to walk or drive over within 30 minutes after applying our proprietary ground improvement and re-levelling solutions.

We start by drilling small holes into the ground that needs to be stabilised.

Then, we inject our proprietary Teretek® engineered resin solution to fill voids and compact weak ground. The solution, then, slowly raises and re-levels the structure. For large, complex structures we use our JOG Computer-Controlled grouting method which is a computerised system of grout injection.

## Seeing Results

As footings are raised back to their correct levels, you'll see gaps start to close up. Floors will become level again and any pooled water should drain away.

Trip and slip hazards will be dramatically reduced and machinery should work correctly again after any necessary recalibration.

If there were cracks in the walls of a building, these may start to close up as the Teretek® engineered resin solution raises the foundations back to their intended level. If doors and windows were out of alignment, they should start opening and closing properly again.

Our proprietary Teretek® solution is a unique two-in-one solution that delivers both ground improvement and re-levelling and comes backed up by a 50 year product warranty. It compacts foundation ground and improves its bearing capacity by up to 500% in certain soil conditions.

The solution is cost-effective, fast, and precise, getting you back to working safely again sooner.