LEVELRITE
CONCRETE LIFTING

Contact Us Today For A Free Estimate!

(772) 453-9613
LRConcreteLifting.com

Lifting Slabs & Structures
Stabilizing Soil
Filling Voids

We Lift Slabs & Structures with Polyurethane

- *No Excavation*
- *Clean and Environmentally Friendly*
- *No Heavy Equipment Required*
- *No Permitting Required in Most Cases*

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The Problems:

The Causes of Settlement:

- **Erosion**
  Poor drainage, improperly placed downspouts, leaking drain pipes, and broken water lines are common culprits.
- **Poor Compaction**
  When backfilling on a jobsite, the contractor is supposed to compact the backfill by driving over it with heavy equipment. However, this isn't always done properly for one reason or another.
- **Biological Decay**
  Construction trash pits, buried trees, and other biodegradable materials all break down. Sometimes structures are built over these areas.

The Dangers of Neglect:

- **Damage to vehicles & equipment.**
- **Possibility of catastrophic sinkholes.**
- **Trip hazards.**
- **Worker injury or even death.**
- **Liability & lawsuit risks.**

The Solution:

We lift and stabilizes slabs with **Alchemy-Spetec AP Lift polymer foam**. The expansion force of the concrete leveling foam coupled with the pressure of a specialized pump generate enough controlled force to lift concrete slabs back into position with 1/8" precision. This can be accomplished at a fraction of the cost and time required for replacement.

The Process:

1. **Complete a thorough site evaluation.**
2. **Saw cut joints if necessary, to release any bound slabs.**
3. **Determine an injection point sequence, based on conditions.**
4. **Drill the initial injection holes, starting at lowest point on slab.**
5. **Inject polymers in controlled short bursts.**
6. **Monitor for lift with Zip levels, dial indicator, or laser transit.**
7. **Observe slab for evidence of cracking or binding while lifting.**
8. **Drill and inject additional holes as necessary to level slab.**

You Have Options:

Do Nothing
The problem will grow and the longer you wait, the more expensive the repair.

Replace
The process will take several days, is often messy, and is typically more expensive.

Lift with Cement Grout
This procedure (known as “mudjacking”) requires heavy equipment, large drill holes and the use of weighty cement grout which may sink over time.

Lift with Polymer Foam
This procedure uses light equipment and material, small drill holes and makes less of a mess.

Slabs Can Sink Indoors as Well

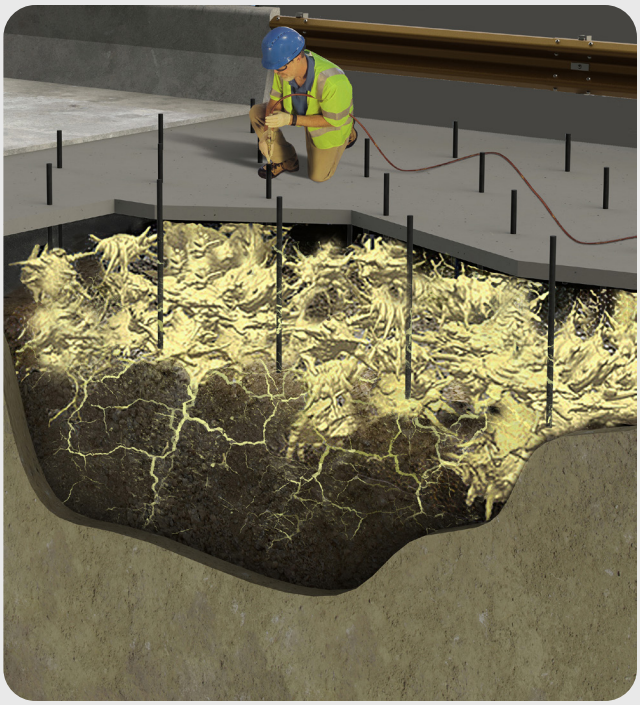
Warehouse Slab Lifting

Stabilizing Soil

Sometimes the slab is perfectly level, but the soil is dangerously unstable...

Even if your slabs are level, you may still want to get the soil underneath checked out. Unstable soil eventually causes structural cracking, cave-ins, and sinkholes.

Fortunately, soil can be stabilized and water infiltration stopped with polyurethane resins. Once the soil has been consolidated and strengthened, any slabs or structures resting on it are safe and sound.



Filling Voids

Sometimes the slab is perfectly level, but there is NO soil underneath...

Undetected voids are a silent threat that can cause slabs and structures to sink or collapse without warning. Neglect can result in serious injury, litigation and even death.

We can protect your property and assets from these threats with durable, high strength void fill foam.

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POWERED BY ALCHEMY Spetec