



Lift & Level Concrete Slabs

PRECISION*LIFT*[®]

www.precisionlift.com

Slab Lifting

Concrete lifting has been done for decades with a technique called mudjacking or slabjacking, traditionally done by pumping a cementitious material through holes drilled in the slab. While this method is sometimes the right choice, there are factors that often make slab lifting with polyurethane foams a better option.

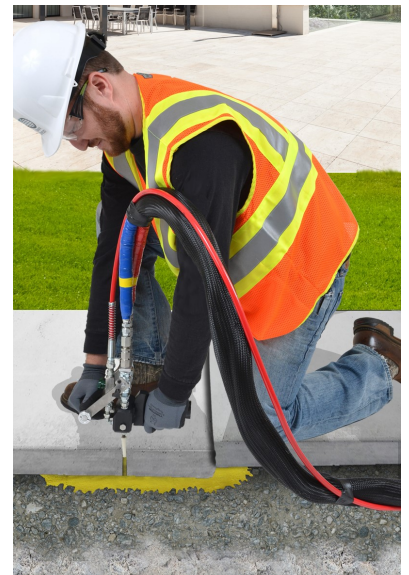
PRECISIONLIFT®

Injecting structural polyurethane foam into the voids beneath concrete slabs can stabilize them without excavation or the added weight of cement, which can aggravate an existing soil settlement issue. Our **Precision Lift**® products are polyurethane foams that lift and support slabs, stairs, footings, or foundations, putting them back to their original position.



Precision Lift® foams are the best option when:

- Access to the site is difficult
- Added weight of concrete would further compact the soil
- Added weight of concrete would stress surrounding below-grade structures
- Rapid return to service is needed
- Smaller job size is not economically viable for mudjacking contractor
- Maintaining uniform aesthetic appearance of the concrete is wanted or needed - only dime-sized holes are needed to inject **Precision Lift**® foams



A Complete System

We offer more than just the Precision Lift® series foams for your concrete slab repair needs.

PRECISION FILL™

Voids below concrete slabs are often the cause of settlement. Before Precision Lift® is used to lift the slabs, **Precision Fill™** is injected to fill these voids. This two-component, low exotherm, polyurethane foam has a low viscosity, which allows for moderate permeation effects as well.

Precision Fill™ advantages:

- Highly expansive
- High strength
- Low exotherm (will not self ignite)
- Bonds with soil and to concrete
- Provides a slow, steady reaction



PRECISION SEAL™

Once voids are filled and the slabs have been lifted back even, how can we protect the slabs?

Precision Seal™ is a self levelling sealant designed to offer superior adhesion to concrete. It is ideal for sealing cracks and horizontal joints in driveways, patios, porches and sidewalks.

Precision Seal™ advantages:

- Excellent adhesion on porous and non-porous substrates
- High performance mechanical properties
- Permanently elastic after full cure
- Self-levelling
- Color stable and UV resistant
- Ecological advantages:
free of isocyanates, solvents, halogens and acids
- Good extrudability even at low temperatures
- Excellent weather resistance in all climates
- Primerless adhesion on many substrates (except where water pressure may occur). Almost odorless.
- No bubble formation within sealant even in high temperature and humidity applications
- Can be painted with water based paints and many other systems (to be tested)





Contact Us

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Precision Lift® polyurethanes and related accessory products are manufactured by Prime Resins, Inc.



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Rev. 9/3/20