

Is It Permanent?

The repair will remain for about as long as the concrete. BUT, if the problem which caused the slab to sink in the first place occurs again, the slab will sink again.

Most sinking is caused by subsidence or compaction of the soil under the slab. This most commonly occurs around the foundation of newer construction, leading to drops in front of garages, in walks near the home, and in slabs over the utility trenches leading into the home (sewer, water, gas and electric). In older construction, there can be a problem with the nature of the soil itself (expansive clays) and drainage problems which cause soil to subside or compact.

As a general rule, the repair will last for many years. But, like most matters in life, we cannot assure longevity without the expense of determining the cause of the problem. This is not usually practical.

Of course, the same problem could recur if the concrete were torn out and replaced with new at about twice the price. Again, only a determination of causation and a remedy for that cause will assure longevity.

The Mudjacks repair concrete at a fraction of replacement cost. Direct Savings are achieved through The Mudjacks efficiency standards, and our ability to accomplish more in less time.

The Mudjacks provide a warranty that is often 2-4 times that of new or replacement concrete.

You avoid detours and/or closures. When you repair concrete with The Mudjacks, it is usable immediately, and the time needed to raise concrete is much shorter than waiting for new concrete to harden and cure.

The Mudjacks provide the flexibility to work with-or-around other projects, and provide almost year-round service.

We Offer Concrete Answers
At Affordable Prices!

Call The Mudjacks Today!
Get a FREE ESTIMATE

Check Us Out On-Line
WWW.MUDJACKERS.COM

The Mudjacks

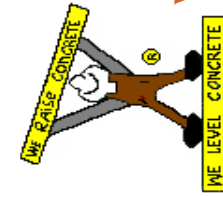
A full foundation repair company.

Concrete Professionally • Raised • Levelled • Stabilized

INDUSTRIAL
RESIDENTIAL
COMMERCIAL

Visit us online at:

www.mudjacks.com



THE MUDJACKERS covers a wide spectrum of repairs for foundations, concrete slabs, forge presses, hydro dams, bridge cranes, highways, and sewer abandonment. As well as installation of pilings for new and old structures.

Our mission is this:

We at THE MUDJACKERS have a history of quality and excellence for over 38 years. You will find our services to be superior in quality and competitive in price.

THE MUDJACKERS maintains the most qualified foundation repair staff in the industry. Through continuing education programs such as engineering seminars, equipment and procedural updates, and constant experience in the field, we provide a skilled and professional workforce with strong work ethics. The combination of our dedicated management staff, experienced pier installers, and state of the art equipment has kept us on the cutting edge of advanced foundation repair.

We at THE MUDJACKERS believe that the people we employ as well as the people we serve make our company successful. Our good reputation with homeowners, architects, and engineers has been a key element to the continuing growth and stability of our company.



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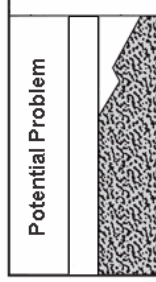
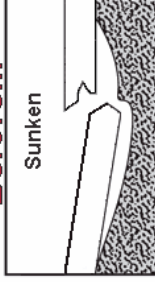
Causes Of Sinking Concrete

Concrete has a tendency to sink depending on where you are in the country. Poor compaction and erosion are usually contributing factors. In most cases mudjacking is the most effective, long-term solution. The process of mudjacking, sometimes referred to as slabjacking, has been around for years and is a time-tested repair procedure.

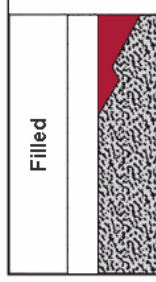
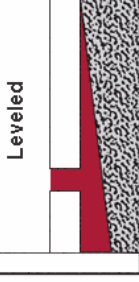
Mudjacking is a process of injecting slurry under a concrete slab to effectively lift the slab back to its proper original pour grade. Filling the void under the slab is very important, since it will give the slab the necessary support and stabilization.

This process is relatively simple. A series of holes are drilled or cored into the slab, and the mixture is pumped under pressure through these holes. As the void fills, basic hydraulic principles lift the slab. Since the slab is brittle, care is needed to eliminate bending or shearing forces that can cause cracks.

Before...



After...



Common Problems routinely corrected by mudjacking include:

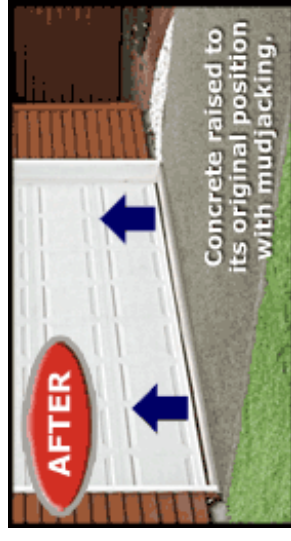
1. Patios tipping in toward the house
2. Garage floors tilting away from the doors
3. Basement floors sinking around the edges
4. Sidewalks with a radical slope away from the house
5. Stoops with a radical slope away from the house

Call **The Mudjacks** Today!

Get a **FREE ESTIMATE**

Why Mudjack These Problems ?

1. Liability - All trip hazards are potential problems. Also, steep slopes on porches and stoops can lead to icy and slippery conditions.
2. Patios and stoops tipping toward the home create continuing problems of erosion due to water running toward the house, worsening the tilt.
3. Garage floors tilting away from the doors but toward the foundation worsen with snowmelt from cars in the winter.
4. Very cost effective when compared to removal and replacement.

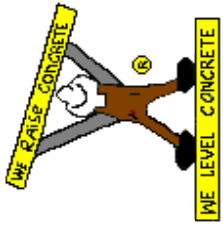


Mudjacking Simplified

The type of slab The Mudjacks raises is referred to as "floating concrete" meaning the concrete moves with the ground. The ground can move as a result of frost and thawing or the amount of moisture present in the soil at different times of the year.

Therefore, it is necessary to use material that is able to take on or release moisture at the same rate as the surrounding soil as to float the concrete properly [note not using cement].

When new concrete is installed, a base of compacted sand and/or gravel is used. Logic assumes it would be best to raise the sunken slab with more of the same, but it is not possible to pump pure sand. A pumping aid is needed.



Mudjacking, Slabjacking & The Mudjackers.

The Mudjackers are experienced in all areas of mudjacking and concrete lifting and ready to handle any size project.

How The Process Works?

Corrections

Small holes are drilled into the concrete slabs. Next the mudjackers material is pumped under pressure through these holes.

"The Mudjackers material" displaces voids, water and water saturated materials, raises the slab and leaves a firm permanent sub grade.

Preventative

Future concrete settlement and damage can be corrected when you use "The Mudjackers material" to stabilize the base of the concrete.

Cost Efficient

We repair concrete at a fraction of replacement costs. You save on manpower, machinery and material. The end result is concrete as level as new.

Time Efficient

Our process takes hours, not days, reduces your amount of downtime, if any. Also "The Mudjackers material" is efficient allowing you to use the affected area almost immediately.

MUDJACKING

Mudjacking is a unique process used to restore sunken or uneven concrete slabs to their original grade and alignment with adjacent slabs via raising or lifting concrete. This process only costs a fraction of the cost of replacement and is a permanent fix to concrete problems. Other commonly known terms for this service include: slabjacking, mud-jacking, concrete lifting or raising. We perform Mudjacking for all applications: residential, industrial, commercial and municipal.

Residential concrete raising

- Walkways
- Patio's
- Garage floors
- Interior and basement floors
- Driveways
- Sidewalks
- Steps
- Void filling for preventative maintenance
- Many other applications



Municipal concrete raising and stabilizing

- Sidewalks
- Streets
- Freeways
- Bridges
- Sewers
- Many other applications



Commercial and Industrial concrete raising

- Factory Floors
- Walkways and Driveways
- Sidewalks
- Terraces
- Patios
- Parking lots
- Underground Parking lots
- Ramps and Loading docks



The Mudjackers Estimate Process:

We provide an educational approach and answer our clients questions.

What's involved with our estimate

We perform an on-site inspection at our clients convenience. This can be scheduled with or without our clients being present.

Identification / Drawing

After reviewing the condition of the job site we provide a detailed drawing of the affected areas. We give an explanation of the corrective measures necessary.

Mudjacking vs. Removal & Replacement
We provide our clients with information and options to assist them in making their decision. We help you evaluate the manpower, machinery and material necessary.

Quotation

We provide a detailed quotation. We can also have the proposal broken down into sections should the client wish to address different area's and prioritize the work.

Our material is mixed at each job site to adjust for each condition encountered. Our formulation has enough flexibility to fill voids and pockets. This will result in using more material providing a more thorough complete solution.

Note some competitors mixtures are cement based that can set up too quickly. This creates a "pillaring effect" with material established as pillars and leaving voids throughout the effected area.

The Mudjackers Material consists of:

- ◆ 40% Light Sandy Clay Mixture
Passing #4 Sieve 100%
- ◆ 50% 60/40 Limestone Powder
100% passing #50 Sieve
- ◆ 10% Mason Sand

Engineering Test Results:

- Test Results of November 27th, 1972
- Order #100-625
- Lab #2598

Quantity Rep = 3 Cubic Yards
Compressive = 7 day age - Load Pounds 31,000
Unit Load 1,000 P.S.I.

The History of Mudjacking, Slabjacking & The Mudjackers.

The method was developed in 1929 by John Poulter of Mount Pleasant, Iowa.

Some of the first mudjacking machines were manufactured by the Koehring Company based in Port Washington, WI. The mudjacking machine was developed over 65 years ago.

Concrete slab structures are rigid and durable if properly constructed, and depend largely on their support or base for maximum life and service. For various reasons, voids sometimes occur beneath or around the slab structure causing slab failure.

To alleviate these conditions the Mud-Jack machine was developed. It is now a time - proven, cost effective means to restoring concrete slabs to proper grade.



Frank C. Sharkey Mudjacking contractors was one of the first independent contractors established in 1939. The business merged with The Mudjackers in Jan. 1968.



Mudjacking in Mt. Pleasant, IA in the fall of 1933.