

Controlling Soil Problems at their Source

URETEK USA's products and services provide the industry's best, most cost effective, fastest, and safest solution to soil stabilization. A pioneer in applying the latest technologies to solving complex soil stabilization problems, Uretek USA leads the industry in delivering the 'no disruption' cure for highways, roads/bridges, runways/taxiway repair problems, deep soil densification, and sealing underground leaks.

Real-Time

The resolution of highways, roads, and bridge issues should rarely require, if ever, extensive downtime. Uretek USA deals with the issue, at the source, in real-time. No costly highway, road/bridge, infrastructure, or support interruption. Uretek brings a "no disruption" solution to pavement lifting, infrastructure services, runways, and soil stabilization.

Low Cost

Deep Injection is a highly effective, low-cost alternative to more traditional excavate and fix methods of repair. Infrastructures, roadways, bridge approaches/departures, and tunnels are put back on solid ground. Without the need for excavation. Equipment, labor, and materials costs are significantly reduced. Without the need to take the element out of service, no interruptions occur, leading to additional cost savings. And, since the problem is solved at the source, the issue doesn't come back. Only Uretek Deep Injection delivers all this.

Example – Infrastructure:



Before

After



Fast and Accurate

Imagine being able to complete most infrastructure repairs in one or two days. On top of that, imagine not having to take the element out of service. And, imagine being able to extend the life of your concrete assets. Welcome to the Uretek USA Deep Injection Process.

Quiet and Safe

Uretek USA has the most quiet and safe soil stabilization process in the world. Through advanced technologies and state-of-the-art equipment, the Deep Injection Process has the least noise of any method. In addition, all Uretek USA employees and affiliates undergo rigorous training, ensuring the most safe, predictable, and efficient worksite available.

And, of course, all materials are 100% environmentally friendly. No pollution of the environment or surrounding groundwater.

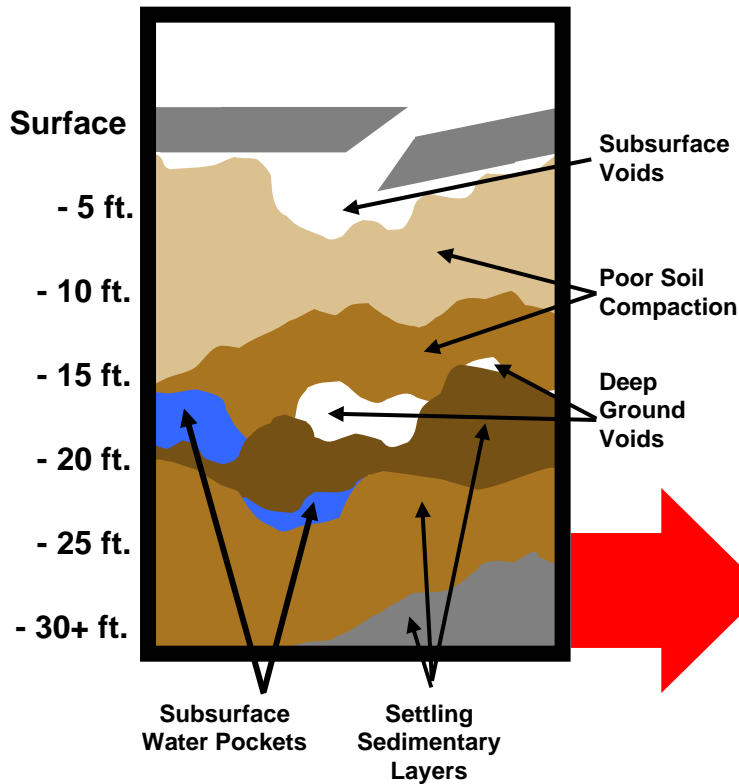
Proven and Successful

Uretek USA has successfully completed more than 75,000 projects, worldwide. The Uretek Deep Injection Process, invented and patented in 2002, is the newest derivative of The URETEK Method®, proven to be the best in the industry. Many people claim they can inject 'foam at depth', but they didn't invent, patent, or perfect the process. While others are still experimenting, we're delivering success. Go with the leader. Don't compromise your infrastructure, highways, roads/bridges, and airport runways/taxiways.

Process Highlights

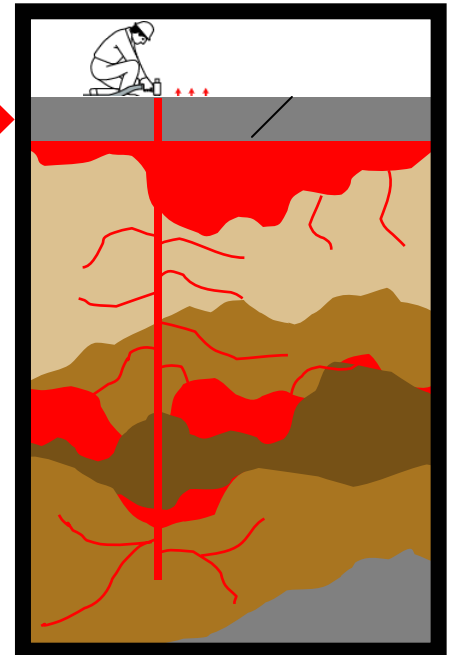
- 100% Safe and Predictable
- 90% Strength in 15 Minutes
- 90% Less Time Required
- 1/10" Lifting Accuracy
- 75% Less Expensive

Uretek USA – Uretek Deep Injection Process



The Uretek Deep Injection Process

eliminates common subsurface soil issues. Utilizing the most advanced technologies, injection, and the most dense polymers available, the patented Uretek Deep Injection process drives out water, fills underground soil fissures and voids, and expands to densify the ground.



Material Characteristics

Hydroinsensitive: No Water Infiltration, Pushes out and displaces water at injection time, No material breakdown when exposed to water. Can also be used to seal underground pipes by surrounding breaches with Uretek 486 material.

Environmentally Safe: All materials are inert and odor free at time of injection and beyond.

Lightweight and Strong: Man-made material is extremely light in weight and does not contribute to further soil settling, while always increasing soil load-bearing capacity.

Stable: Remains solid and intact, decades later.

Chemical Resistance: The Uretek 486 polymer material has excellent chemical tolerance, increasing its suitability in harsh, chemically-rich environments.

