

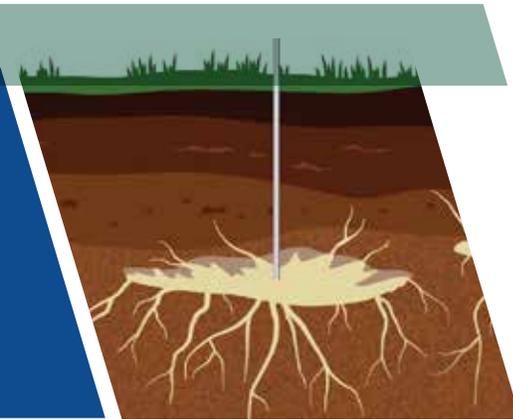
Concrete Slab Lifting/Leveling



The process of raising and leveling concrete slabs has been around for years, but lifting and leveling concrete slabs using polyurethane foam is a game changer. The process is cleaner, faster and more environmentally friendly than any of the alternatives, and far more economical than replacing the concrete. With foam being lightweight, it will not compound existing problems of poor compaction.

- + Eliminate tripping hazards
- + Improve curb appeal and property value
- + Mitigate water pooling issues

Deep Foam Injection (DFI)



Deep Foam Injection is a process used to displace moisture, stabilize and compact subgrade soils and aggregates. During installation, the foam will displace moisture as it spreads out, like a "tree root". As the foam expands and cures, it will compact the surrounding materials to create a solidified subgrade. DFI is used for soil stabilization, subgrade strengthening, as well as foundation stabilization.

- + Stabilize the subgrade to prevent any future sinking
- + Material is hydro insensitive and will even cure in water
- + Polyurethane foam is not susceptible to the freeze/thaw cycle

Void Space Filling



FillFoam is a product specifically designed for filling void spaces. This hi-density foam can be pumped in large quantities and over long distances to fill any void space and support the surrounding structure to prevent it from collapsing. FillFoam acts like a large sponge, absorbing moisture then releasing the moisture when the surrounding area dries out.

- + Both U/V and hydro insensitive
- + Environmentally friendly and totally inert once cured
- + Can be cleaned up with water



Dynamic Cone Penetrometer Testing (DCP)

DCP testing is used worldwide to determine the compaction ratio of subgrade granular materials such as soils and sands. The test will identify any areas which may require corrective actions to increase the subgrade compaction and strength.

- + Identify weak areas in subgrade material
- + Minimal surface disturbance to perform test
- + Test can be repeated after remedial action to confirm improvement



Bandit Soil Treatment

Bandit Soil Treatment is a single component resin used to bind together pea gravel and other granular materials such as soils, sands and asphalt chips to repair potholes. Bandit can be sprayed or poured on to the material and will form a non porous barrier which can be as hard as concrete.

- + Effective weed control in sensitive areas
- + Ideal for pothole repairs
- + Prevents erosion of granular materials
- + Strength can be customized depending on the application



Rock Glue

Rock Glue is a plural component urethane used to bind together ballast stones greater than 2". The urethane binds together the rocks in a stactite formation creating a porous surface allowing water to pass through encouraging vegetation re-growth.

- + Reduces erosion caused by flowing water and tidal effects
- + Ideal for securing rocks around flowing water such as culverts, drainage ditches and irrigation canals
- + Prevents railway ballast rock scatter and pulverization from train vibrations