



Soil Stabilization



Our Background



Pioneered the use of polyurethane resins for sealing cracks in concrete and helped build that market.



The first to package polyurethane grouts in an easy-to-use Quick-Mix cartridge system over **30 years ago.**

The Prime Resins Difference

Prime Resins is a leading manufacturer of chemical grouts, foams, adhesives and coatings for infrastructure repair & protection. We provide solutions for problems in leak sealing, soil stabilization, slab lifting, structural repair and coatings/secondary containment.

What sets us apart?



Technical expertise: We were the first in our field to offer 24/7 technical support.



Turnaround time: We have the fastest turnaround in the industry. Many shipments go out same business day as the order.



Training: We provide on-site training, application assistance, project consultations, and training seminars at our Head Quarters.



Great value: We offer the best combination of product performance, expertise, and experience.



Solutions focus: We work as partners with our clients to determine causes and to find remedies for your challenges. We are available before and after a purchase to answer questions and support our clients. This approach is in the DNA of the company.

Soil Stabilization



Well-compacted soils provide a foundation upon which concrete structures perform. Decomposing soils, erosion, freeze-thaw cycles, and groundwater migration can break this foundation. This is the root cause for the damage or failure of structures from buildings to highways.

Stabilizing soil can be done without major excavation. Injecting polyurethane chemical grouts and acrylate resins and gels into loose or less dense soils, voids, pores and fissures will strengthen the earthen substrate and provide watertight encapsulation.

Prime Resins has been providing soil stabilization solutions for more than 30 years with our **Prime Flex** polyurethane foams and gels. We now have acrylate resins to add to your repertoire of options.

The alternative solution is often repair or replacement that can be expensive and might not be feasible because excavation is impossible or too disruptive.

Benefits of using chemical grouts vs substrate replacement or excavation repair:

- Faster
- Less disruption
- Safer
- Stops water migration
- Minimal area needed to stage equipment and material
- Usually less expensive
- Less environmental impact
- Permanent



Examples of typical structures requiring soil stabilization include:

- Roads/Highways
- Elevator pits
- Tunnels
- Catch basins
- Bridges
- Storm sewer pipes
- Dams
- Patios, porches & walkways
- Seawalls & pools
- Culverts
- Airport runways
- Driveways
- Tanks
- Foundations
- Railroad tracks
- Warehouses



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