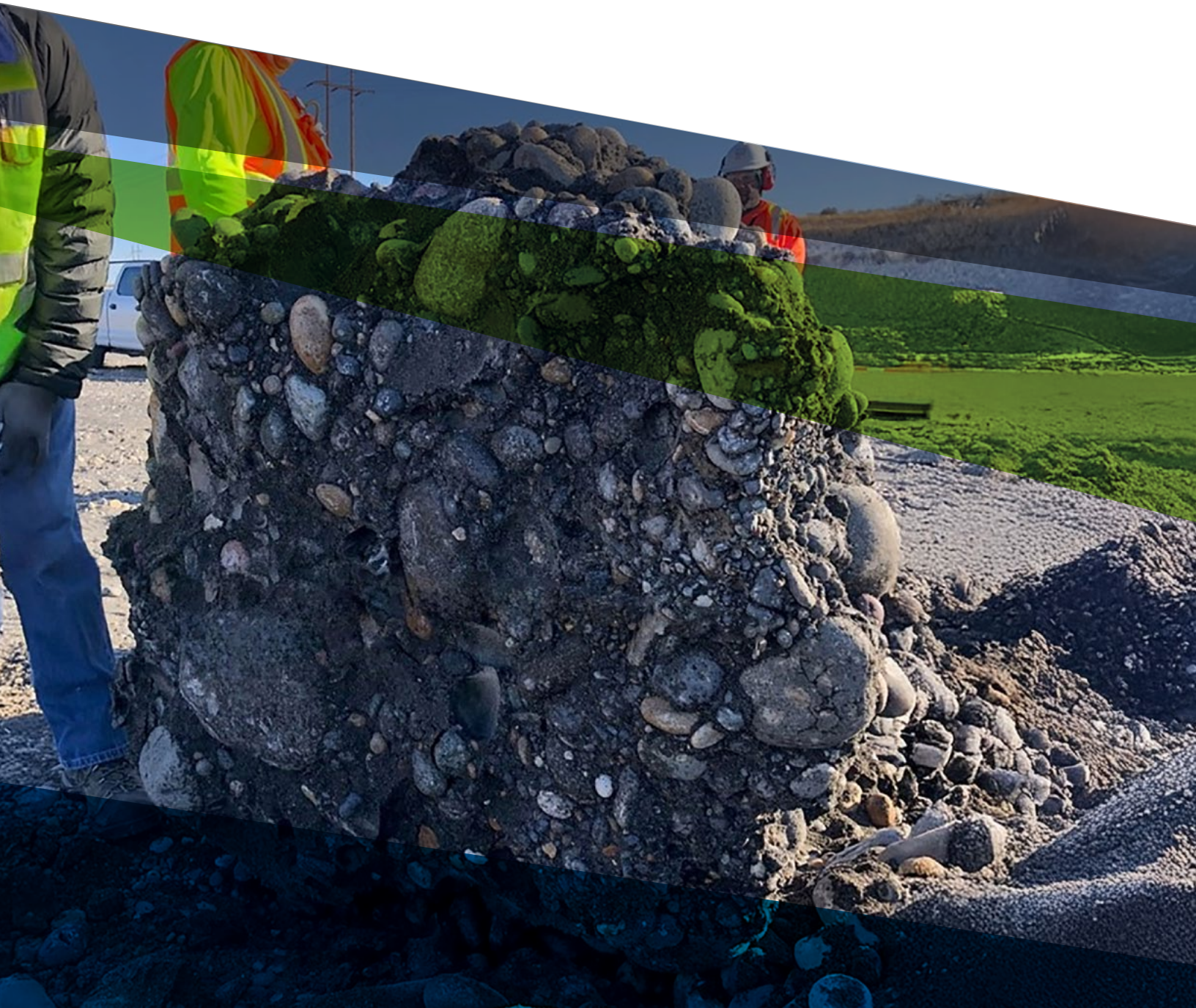


SOI**LOK**

For soil stabilization, ground modification and
water intrusion shut-off



Grout solution for soil stabilization, ground modification and water intrusion shut-off

SoiLok is a grout that offers a cost-effective option for soil stabilization, ground modification and water intrusion shut-off.

SoiLok is an alternative material to polyurethanes and acrylates due to the cost and diversity. SoiLok can replace sodium silicate and the concerns over its longevity, and its inability to withstand freeze-thaw environments.

Sodium silicate will break down chemically over a long period of time versus SoiLok, which will last centuries rather than years or decades.

The problem: Cohesionless soils

Chemical grouting is often performed to add strength to a formation or to prevent groundwater infiltration.

The solution: A text book grout column injected with SoiLok

Concentrations of the monomer in the grout solution can be adjusted to meet the required performance.



Typically, the minimum acceptable concentration is 10-11% with up to 20% as the standard range. Additives are available to further increase gel times, increase viscosity, and enhance cured strength.

Multiple products are not needed. No other grout system offers the versatility and scope of use.

Prime Resins engineers and manufactures turn key SoiLok injection rigs for all applications. No job is too big or small.



Grout solution for soil stabilization, ground modification and water intrusion shut-off



The problem: Contamination spreading below surface

When hazardous materials are spilled, one of the greatest dangers is having them spread below ground. These wastes will seep into the ground until they hit bedrock or some other impervious layer, at which point they will begin to spread and enlarge the plume.

SoiLok provides straight-forward methods for holding the contamination in place and preventing waste from making its way into water sources. One option is to create a retaining wall or weir to prevent further migration of the

waste. The SoiLok will deteriorate at a rate slower than the contamination, making this a permanent solution. Rainwater will not penetrate the waste and will pass along the top layer and over the weir, keeping everything in place. Another method is to inject SoiLok directly into the waste, binding it into a solid material that will be easier to excavate.



SoiLok can be injected through tube-a-manchettes (TAM pipe), as pictured above, or through driven or jetted soil probes. SoiLok offers superior permeation, very low viscosity, and non-shrink cured material over Portland cement-based and Ultrafine cements.



Call Prime Resins at 800-321-7212 to discuss the method that is right for you.

GLOBAL COATINGS LEADERS™

RIGHT PEOPLE • RIGHT PRODUCTS • RIGHT LOCATIONS



Prime Resins has been a leading manufacturer of chemical grouts, foams, adhesives, and coatings for infrastructure repair and protection since 1982. Innovative structural repair, leak sealing, soil stabilization, and slab lifting solutions from Prime Resins reduce the maintenance burden and extend the lifespan of critical infrastructure.

PRIME RESINS + CARBOLINE

Founded in 1947, Carboline is a renowned provider of high-performance coatings, linings, and fireproofing products. Now as a Carboline division, Prime Resins' unique asset protection solutions are more widely available and backed by a stronger manufacturing, distribution, and field technical service footprint. Additionally, the partnership creates the industry's only truly comprehensive leak sealing, repair and resurfacing, and protective coating and lining solution under one roof.



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