PRORISE™

Polyurethane Foam Concrete Lifting

Residential Geotechnical Polyurethane Foam Systems

Lifting Polyurethanes To A Whole New Level ®

ALABAMA INSULATION LLC

ProRise™ FEATURES AND BENEFITS

+ Available in hydrophobic/ hydro-insensitive formulations
+ Injectable through 5/8-inch injection holes, making it less intrusive
+ Flows well under the slab section to ensure complete void fill
+ Controlled expansion
+ Fast cure times. Concrete sections can be put back into use immediately after repair
+ Lightweight—which reduces loads on existing soils

All **ProRise** polyurethane systems are tested per ASTM test methods which include, but are not limited to: density, compression strength, tensile strength, dimensional stability, closed-cell content, water absorption and shear strength.

www.alabamainsulation.com

ProRise™

ProRise geotechnical polyurethane foams are ideal choices for making repairs to sunken or misaligned concrete slab sections around residences and structures. Sunken or misaligned sidewalk sections, foundations, patios, concrete steps and driveways can be repaired in most cases by injecting **ProRise** under the concrete to raise and level it to its original position, possibly avoiding costly tear-out and concrete replacement.

Typical repairs include:

- FOUNDATIONS
- SIDEWALKS
- PATIOS
- POOL DECKS
- ENTRY WAYS
- DRIVEWAYS
- CONCRETE STAIRS
- CONCRETE PORCHES
- GARAGE FLOORS

ProRise is specially formulated polyurethane foam for sub-grade applications. Systems are available to perform in both wet and dry soil conditions. All **ProRise** polyurethane systems are closedcell by design to reduce or eliminate water infiltration around slab sections. Voids, or cavities, under slabs that may have been created by improperly compacted soils, poor drainage, broken or leaking waste or water lines, can be filled with a **ProRise** system to ensure no further settlement occurs.

The injection of **ProRise** is much less intrusive than traditional heavy, cement slurry injection methods. 5/8-inch holes are drilled and used as injection points–compared to 1½-inch to 2-inch holes for cement slurries or traditional mudjacking methods. **ProRise** is lightweight, yet strong and durable, adding minimal weight to the existing soils. Typical densities, or pounds-per-cubic-foot (PCF) weights range from 2.1 PCF up to 4.0 PCF. Strength values range from 38 PSI to 100 PSI. Much higher densities and strength systems are available.

Prior to application the use of the concrete section(s), the function of the concrete section(s), and the loads put upon the concrete section(s), will determine which **ProRise** system is best suited for making the repairs. This is determined by performing a pre-job inspection by a qualified applicator.

- Residential – sidewalks, driveways, patios, pool decks and foundations
- Commercial – expansive concrete slabs, parking lots, warehouse floors
- Industrial – manufacturing floor slabs, storage tank foundations
- Municipalities – streets, curbs, waste drainage systems, culvert systems
- Departments of Transportations – roadways, bridge approaches
- Specialty Applications – lightweight fill, pipe abandonment

Total concrete tear out and replacement can be expensive. So can injury and liability issues when it comes to trip hazards and uneven sections of concrete that have sunk or cracked. ProRise™ geotechnical polyurethane foam products are engineered to lift and void fill beneath concrete sections and save on expen-

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"Our ProRise concrete-specific geotechnical foam systems are much lighter in cubic foot weight than traditional cement slurries, easier to apply, less intrusive and much simpler to clean up" - Concrete Lifting Contractor

INSULATION CONTRACTORS ASSOCIATION OF AMERICA ICAA ★★ MEMBER ★★

ALABAMA INSULATION LLC

SPRAY POLYURETHANE FOAM ALLIANCE SPFA FOAM • IT • RIGHT® PCP PROFESSIONAL CERTIFICATION PROGRAM

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