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Geotechnical Polyurethane Foam Concrete Lifting



Titan Applicators LLC

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POLYURETHANE CONCRETE LIFTING is an ideal choice for making repairs to sunken or misaligned concrete slab sections around residences, commercial properties, industrial properties and structures.

Sunken or misaligned sidewalk sections, foundations, patios, concrete steps and driveways can be repaired in most cases by drilling a 5/8-inch hole and injecting the foam underneath. When the components of this material mix, a reaction causes it to expand. The expanding foam flows well under the slab section; filling any voids and lifting it to the desired level.



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. Geotechnical polyurethane foam products are engineered to lift and void fill beneath concrete sections and save on expensive concrete replacement.





FEATURES AND BENEFITS



Injectable through 5/8-inch injection holes, making it less intrusive.



Polyurethane foam creates its own “hydraulic” lift, so our trained technicians control the lifting process precisely to within 10/1000th of an inch. Other methods must account for shrinkage of material by over-lifting the area. Polyurethane foam will never shrink.



Fast cure times. Concrete sections can be put back into use immediately after repair.



Polyurethane seals the underside of concrete pavement joints and cracks to eliminate water penetration and erosion issues.



More efficient. It's over 80% faster than alternative methods of repair.



Our foam is specially formulated and designed for wet conditions. Its hydrophobic properties displace and repel water without being compromised and replaces any missing subbase with a solid/dense material un



Infrastructure rehabilitation puts counties, cities and municipalities in control of their aging infrastructure by saving time and money.