



SMARTTOOL

MD Building Products

ON/OFF

1/2"

Cal/Auto

0.1/0.01"

HOLD/COPY

FJ **FOAM JACK**[®]
CONCRETE LEVELING POLYURETHANE FOAM

Concrete leveling made easy.

Expands to fill voids, stabilize soil, and restore concrete surfaces efficiently.

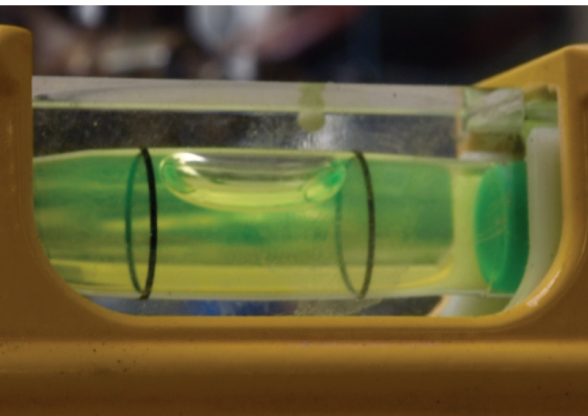




FoamJack® is a high-strength, expanding polyurethane foam engineered for injection beneath concrete surfaces to lift and level them. Ideal for both residential and commercial use, it is frequently applied to stabilize and support concrete foundations, roads, sidewalks, steps, driveways, patios, pool decks, and garage floors.

Concrete Leveling with FoamJack®

Concrete slabs and structures naturally face environmental stresses over time, often resulting in sunken or uneven surfaces. **FoamJack®** polyurethane foam offers a fast, non-invasive solution—eliminating the need for excavation or slab replacement. By filling voids and stabilizing the soil beneath, FoamJack® gently lifts concrete back into place. The foam cures within minutes, creating a strong, level, and lasting foundation, all with minimal mess and disruption.



Typical Properties	Standard	HD	RC
Gel Time (sec)	50 ± 10	50 ± 10	30 ± 10
Tack-Free Time (sec)	70 ± 15	70 ± 15	45 ± 15
Free Rise Density (pcf)	2.5 ± 0.2	4.0 ± 0.2	2.50 ± 0.2
Dimensional Stability, % vol change after 7 days, 70°C (158°F), >90%RH	<2%	<-1%	<-3.7%
Compressive Strength (psi)	41	72	46
Tensile Strength (psi)	61.5	125	73
Flexural Strength (psi)	88	135	97
Shear Strength (psi)	34	56	42
Water Absorption (lbs/ft	<0.02	<0.02	<0.02
Closed	>90%	>90%	>90%

FoamJack® vs. Mudjacking

Like mudjacking, **FoamJack®** works via injection through a hole drilled into the concrete. As the polyurethane foam enters the cavity in the soil beneath the sunken concrete it quickly expands. After curing, FoamJack® will never break down.

FoamJack® offers a more efficient and cost-effective alternative to mudjacking.

- ✓ The pressure from the foam causes it to completely fill underlying voids and penetrate loose soil.
- ✓ FoamJack®, a dense, durable rigid polyurethane foam, flows far more easily than the slurry of mud, sand, cement, crushed limestone, etc. used in mudjacking.
- ✓ FoamJack® is much lighter than slurry and easily reaches job sites inaccessible to large mudjacking rigs, making it ideal for nearly any location.
- ✓ FoamJack® requires a much smaller injection hole than mudjacking – 5/8" or smaller compared to 1" to 2" – making the repair more aesthetically pleasing.
- ✓ FoamJack® is specially formulated to displace any water that has accumulated under the slab.

Get a team of polyurethane experts on your side.

Skilled technical service and sales reps from FSI help deliver the sustainable, high-performance foam solution that meets your unique requirements.

Connect with us today, fsi.co

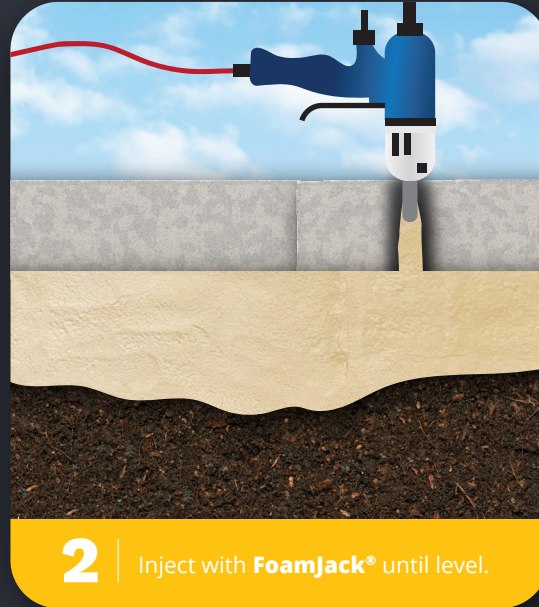
Key Advantages

- ✓ Field proven since 1988.
- ✓ All season product – available for use year-round.
- ✓ Permanently levels concrete in as little as 15 minutes.
- ✓ Works well in sand, rock and poor soil conditions.
- ✓ Classified as non-hazardous material by the EPA and DOT.
- ✓ HFC free, with zero global warming potential (GWP), zero ozone depletion potential (ODP), and no volatile organic compounds (VOCs).
- ✓ Made in the USA.



Foam Injection Steps

Leveling your concrete with **FoamJack®** is simple with these 3 easy steps



A WORLD LEADER IN POLYURETHANE TECHNOLOGY AND SOLUTIONS



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