

The Foam Guys

CGC: 1507037

BUILD STRONGER. BUILD SAFER.

FOR SOLAR CONSTRUCTION

Soil Stabilization • Pile Remediation • Ground Improvements

COMPRESSION STRENGTH
UP TO
15,000 LBS
High-density polymer foam under injection conditions.

VERTICAL PULL TEST
UP TO
15,000 LBS
Proven pull-test capacity in the field.

LATERAL PULL TEST
UP TO
9,500 LBS
Exceptional lateral resistance and load capacity.

DEDICATED CREWS NATIONWIDE
12 CREWS
Rapid deployment for projects across the USA.

WHEN TO TAKE ACTION

DESIGN &ENGINEERING
Pre-engineering, site testing and geotechnical surveys.

PRE-INSTALL STABILIZATION
Prevent pile failures and project delays through proactive planning.

DURING CONSTRUCTION
Deploy foam remediation without stopping construction operations.

POST-INSTALL CORRECTION
Correct settled or misaligned piles without deconstruction.

APPLICATIONS IN SOLAR CONSTRUCTION

LOOSE SOIL PILE STABILIZATION
Pre-engineering, site testing and geotechnical surveys.

VOID FILLING
Eliminate subsurface voids that compromise foundation performance.

SUNK PILE REMEDIATION
Restore alignment and structrual integrity.

INVERTER PAD STABILIZATION
Support critical electrical infrastructure.

DRILLED PILE SECUREMENT
Enhance pull-out resistance and long-term stability.

GROUND IMPROVEMENT
Strengthen week soil zones before and after construction.

WHERE POLY-GROUT WORKS BEST

SILT & SANDY SOILS
Excellent binding characteristics and densification.

LOOSE & GRANULAR SOILS
Improves load-bearing capacity through void filling and soil stabilization.

ROCKY/HARD SOILS
Can permeate fissures and bind particles depending on moisture and plasticity.

WET CONDITIONS
Fully hydrophobic material suitable for satured environments.

VERIFIED FIELD PERFORMANCE



15,000+ LBS
VERTICAL PULL CAPACITY

9,500 LBS
LATERAL LOAD CAPACITY

15,000 LBS
COMPRESSION CAPACITY

WORKING STRENGTH
IN UNDER 3 HOURS

**Testing performed on polygrout injected piles in the field.*

954.370.6161 info@thefoamguys.com www.thefoamguys.com

OUR INJECTION PROCESS

1. **SITE ASSESSMENT**
Review geotechnical conditions and identify treatment areas.



2. **INJECTION RODS**
No excavation required. Injection rods are driven to target depth.



3. **FOAM INJECTION**
Polymer expands and densifies surrounding soils, binding and stabilizing the formation.



4. **CURE & TEST**
Working strength achieved in under 3 hours. Test pull or lateral as required.



5. **DOCUMENTATION**
Injection logs, test data, and site reports provided.



POLY-GROUT INJECTION VS. CONCRETE

CATEGORY	POLY-GROUT	CONCRETE
Set Time	20x Faster	Slow
Weight	70% Lighter	Heavy
Excavation	None	Required
Production	4x More	Lower
Environmental Impact	Zero Leaching	Leaching Risk
Material Life	90+ Years	Variable
Downtime	None	High

RESOURCE & LONG TERM COST SAVINGS

4X
FASTER PRODUCTION
Up to 100 Pile locations per day vs. -25 with concrete.

90+
YEAR MATERIAL LIFE CYCLE
Long-lasting performance with minimal maintenance.

IMPROVED SAFETY
No open excavation means a safer work environment.

ZERO
ENVIRONMENTAL LEACHING
Safe for the environment and future generations.

NO
CONSTRUCTION DOWNTIME REQUIRED
Keep projects moving without interuptions.

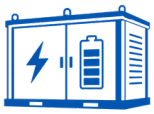
PROJECT TYPES WE SUPPORT



UTILITY-SCALE SOLAR



WIND ENERGY



BATTERY STORAGE



O & M BUILDING STRUCTURES



CIVIL & SITE INFRASTRUCTURE



STRONG FOUNDATIONS. LASTING PERFORMANCE.

The Foam Guys help developers,EPC contractors, and engineers overcome difficult soil condtions before, during, and after construction–delivering safe, efficient, and reliable solutions that stand the test of time.

LET'S BUILD ON SOLID GROUND.

954.370.6161
info@thefoamguys.com
www.thefoamguys.com