

EnviroTech® 500 A

Soil Stabilization Urethane

DESCRIPTION

EnviroTech 500 A is a low viscosity single component polyurethane designed to bind and stabilize loose soils. When EnviroTech 500 A is pumped into soil it reacts with moisture and expands to fill voids and form a solid watertight barrier. This soil binder can be used to stabilize peat, sand, and other loose soils. EnviroTech 500-A cures into a rigid inert and solid material.

PRIMARY APPLICATIONS

Stabilizing Sea Walls and Earthen Dams
Setting Power Poles and Helical Anchors
Supporting Concrete Floors, excavation sites and Foundations

FEATURES/BENEFITS

- 100% solids contains / no VOCs hence no emissions
- Non-Flammable DOT non-hazardous material /No special labelling or packaging for shipment
- Single component system/ Easy to use
- Excellent adhesion, durability and strengths/ Permanent solution
- Quickly cures into inert, nontoxic solid material/ No extraction or leaching into the environment

TECHNICAL INFORMATION

Liquid Properties

Viscosity (LV#3@60 RPM)	250
Flash Point	395F
Specific Gravity	1.23
Auto Ignition Temp	>600F
Color	Amber
Odor	Slightly Musky



Mechanical Properties (ASTM 39 Compressive Strength)

EnviroTech 500 A in Stone 500psi

EnviroTech 500 A in Sands 800-2800psi

Cure Time (typical, your results may vary)

Cure time is influenced by the presence or absence of moisture (some moisture is required in order to achieve cure) and ambient temperature. Cure can be accelerated by the addition of catalyst which are available from Go Trenchless Supply LLC

Lab cure times in moist sand (your results may vary)

Catalyst Percentage

Cure Time

None	5 hours
0.5%	24 minutes
1%	23 minutes
2%	19 minutes
3%	16 minutes
4%	8 minutes

Go Trenchless Supply LLC asks that each user evaluate the performance of the EnviroTech 500A under conditions that simulate production procedures as nearly as possible to determine suitability for each application. For additional technical information or questions, contact your sales representative.

