

# Product & Mixing Guide

## ProDrill

- Base fluid for clay soils & BoreShield sand shots
- Viscosifier
- Friction reducer
- **1 EZ Bag/500gal**

## ProDyne

- Non-foaming drilling detergent additive
- Fights sticky clays
- Keeps tooling clean
- **1+ EZ Bag/1000gal**

## GeoSweep HD

- Stand-alone product for rock and cobble
- Alternative to BoreShield/ProDrill in sand
- Stabilizes bore wall
- Carries rock, pebbles, sand cuttings
- **1+ EZ Bag/500gal**

## ClayLock

- Additive to combat swelling clays
- **1+ EZ Bag/1000gal**

## BoreShield

- Additive for increasing gel strength in sandy soils
- Stabilizes bore wall
- Carries sand cuttings
- **4 EZ Bags/500gal**

## DrillClean

- Tank, tooling, and Equipment Cleaner/ Sanitizer
- Can reverse and prevent tank fouling
- Compatible with all ProAction products
- **1+ EZ Bag/500 gallons treats most systems**

**What soil conditions will you encounter most?**

**EZB = ½-Gallon EZ Pour Bag** for liquid products, &  
**EZB = 5lb. EZ Pour Bag** for GeoSweep HD crystals

\*In very extreme reactive clays, additional ClayLock may be required

(Actual dosage can vary according to ground conditions.)

Please contact ProAction Fluids @ 318-550-0147 for additional information

Hydration time of polymers, especially GeoSweep, can vary and depends on water quality, water temperature, mix time, circulation rate, and mixing tank design. For best results, the mix should be visually checked for completeness of hydration rather than just relying on recommended mixing time.

Dosed Per <b>500</b> Gallons	LOW <span style="float:right">HIGH</span> DENSITY, PERMEABILITY, & GRAIN SIZE									
	SOIL					ROCK				
	MINERAL RICH HARD WATER	CLAY		SILT	SAND			PEA GRAVEL	PEBBLES	'POTATO' ROCKS
	STICKY	SWELLING		FINE	MEDIUM	COARSE				
<b>1</b>	<b>Does your soil have sticky clay, silt and/or hard water? Add ProDyne first.</b>									
	½ EZB	1 EZB								
<b>2</b>	<b>Does your soil have reactive or swelling clays? Add ClayLock next.</b>									
		1to2* EZB								
<b>3</b>	<b>Are you drilling in clay? Add ProDrill next.</b>									
		1 EZB	1 EZB							
<b>4</b>	<b>Is your soil very sandy or dense or have high permeability? Add GeoSweep HD crystals, mix for 10 minutes.</b>									
				1to2 EZB	1to2 EZB	2 EZB	2 EZB	2 EZB	2to3 EZB	