

SHORE PAC®

VISCOUS SOIL STABILIZING POLYMER

DESCRIPTION

SHORE PAC is an easy mixing, water soluble, polymer supplied as a granular powder. SHORE PAC is designed for preparation of viscous earth-reinforcing fluids or slurries for a variety of drilling, trenching, and walling applications in the geo-construction industry.

RECOMMENDED USE

SHORE PAC is ideal for slurry trenching, diaphragm walls, drilled shafts/bored piles, and tunneling.

CHARACTERISTICS

- Can be mixed directly in the borehole or excavation
- Stabilizes borehole while excavating; improves skin friction
- Non-gelling, even at high viscosities, facilitating settlement of fines, and maintenance of a clean fluid
- High cohesiveness to bind excavated soil and gravel
- Improves loading and removal of spoils

MIXING AND APPLICATION

SHORE PAC should be mixed by sifting carefully into a stream of water directed into the excavation or an agitator mix tank. Fanning the water stream over a sloping pan or across the blade of an auger facilitates lump-free mixing. If mixed directly in excavation, the tool should be reciprocated gently after product is added to distribute and homogenize the polymer. Make-up water should have a pH of 8-10; add 0.75 kg of SODA ASH per 1000 L of water.

PACKAGING

15 kg pails and 25 kg bags

FORMATION	SHORE PAC DOSAGE RATE*	MARSH FUNNEL VISCOSITY
	Kg/1000 L	
Clay & Shale	0.4 - 0.7	35 - 50
Silt & Fine to Medium Sand	0.5 - 0.8	45 - 55
Coarse Sand to Pea Gravel	0.8 - 1.0	55 - 65
Gravel to Cobbles	1.0 - 1.8	65 - 95

* In application where brackish, salt, or seawater contaminates slurry or is used as make-up water, SHORE PAC dosage should be increased