

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 APPLICATIONS

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 6 lbs SODA ASH per 1,000 gallons water.

PACKAGING

36 lb pail, 36 per pallet, 6-7.5 lb jugs - 45 lb case, 36 per pallet, or 55 lb bags, 36 per pallet.



FORMATION	SHORE PAC DOSAGE RATE*		MARSH FUNNEL VISCOSITY
	Lbs/1,000 gal	Kg/m ³	
Clay & Shale	3.4 - 4.0	0.4 - 0.5	35 - 50
Silt & Fine to Medium Sand	4.0 - 5.0	0.5 - 0.6	45 - 55
Coarse Sand to Pea Gravel	6.0 - 8.0	0.7 - 0.9	60 - 70
Gravel to Cobbles	9.0 - 12.0	1.0 - 1.3	80-125

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

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