

Soil PAC

Soil PAC powdered activated carbon is a lignite coal-based carbon manufactured specifically for use as an adsorptive barrier by removing organic contaminants in contaminated sediments in underwater environments. It has an optimal pore size distribution (micro-to-macro) that has proven to be highly effective for the removal of these compounds in the presence of natural organic matter (NOM) concentrations typical in sediment pore water. The broad pore size distribution of Soil PAC powdered activated carbon is critical for high performance as NOM can partially or completely block the pores of more microporous carbons, thereby limiting their adsorptive capacity and performance in this demanding application.

Soil PAC powdered activated carbon is a finely milled, highly adsorptive, free-flowing powder activated carbon which makes it ideal for use as an adsorptive media in PAC-based amendments for in situ sediment remediation projects.

Typical Properties

Parameter	Unit	Value
Iodine Number	mg/g	~ 450
Moisture as Packed	Buk	12

Mesh Size US Sieve	% wt.
-325 Mesh (45 µm)	Min. 90

Packaging

Woven polypropylene bulk bag, 2 x 450 lb. (2 x 204.1 kg) net on a pallet.