

AquaGATE⁺ PAC

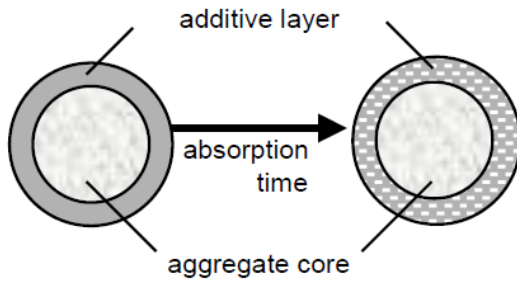


Figure 1. Configuration of PAC-coated particle.

AquaGate+PAC serves as a delivery mechanism to reliably place reactive capping materials into aquatic environments.



Product Specifications

Aggregate:	Nominal AASHTO #8 (1/4-3/8") or custom-sized to meet project-specific needs * Limestone or non-calcareous substitute, as deemed project-appropriate
Clay:	Bentonite (or montmorillonite derivative) * Typically 15% by weight
Activated Carbon:	Powdered <ul style="list-style-type: none"> o 99% (minimum) through 100 mesh sieve o 95% (minimum) through 200 mesh sieve o 90% (minimum) through 325 mesh sieve * Target 10% by weight - Range of 7.5 – 12.5% by weight
Binder:	Cellulosic polymer
Permeability:	1×10^{-4} to 1×10^{-7} cm/sec (Variations will exist and permeability can be influenced by particle size distribution, placement, and cover materials – surcharge load)
Dry Bulk Density:	68 – 78 lbs/ft ³
Moisture:	10 – 12% (maximum)



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