

Filtrex[®] HydroCarbon Agent

Petroleum Hydrocarbon Reduction Technology

HYDROCARBON AGENT

Description

Filtrex[®] Hydrocarbon Removal Agent is a natural (zeolite based) absorbent that is used with Filtrex[®] sediment control and pollution prevention practices, such as perimeter control, check dams, inlet protection, filter rings, slope interruption, sediment traps, and filtration baffles. It is specifically used to reduce petroleum hydrocarbon or polycyclic aromatic hydrocarbon loads in storm runoff (gasoline, diesel fuel, motor oil), particularly in urban watersheds; drainage from parking lots, driveways, and highways; around fueling stations; around marinas, docks, and boat staging areas; around sensitive watersheds and receiving waters, and near TMDL (303d) listed water bodies. Filtrex[®] Hydrocarbon Removal Agent should not be used without one of these Filtrex[®] management practices.

Function

Filtrex[®] Hydrocarbon Removal Agent is a natural absorbent that reduces petroleum hydrocarbons in runoff when applied with perimeter control, check dams, inlet protection, filter rings, slope interruption, sediment traps, and filtration baffles. Filtrex[®] Hydrocarbon Removal Agent uses a material that has a very high surface area per unit weight and volume thereby absorbing and physically filtering petroleum hydrocarbons from runoff, removing the pollutant from runoff transport, and preventing it from reaching receiving waters. Filtrex[®] Hydrocarbon

Removal Agent can be applied in varying application rates to fit the petroleum removal objective of the application. Filtrex[®] Hydrocarbon Removal Agent is not a coagulant and is 100% formulated with all natural materials. For more information on testing and research with Filtrex[®] Hydrocarbon Removal Agent and Filtrex products see Tech Links in the Appendix and performance criteria tables presented with each of the Filtrex products listed with this specification.

Installation

1. Where required, Filtrex[®] Hydrocarbon Removal Agent shall be surface applied manually, directly upslope, and along the entire length of the Filtrex runoff control or filtration practice, or thoroughly mixed with Filtrex[®] FilterMedia™ prior to filling Filtrex[®] FilterSoxx™.
2. Filtrex[®] Hydrocarbon Removal Agent shall be applied at a rate of 20 lbs/cubic yard (12 kg/cubic meter) of Filtrex[®] FilterMedia™ for optimum performance.

Inspection & Maintenance

1. Additional applications of Filtrex[®] Hydrocarbon Removal Agent may be added after storm events to decrease petroleum hydrocarbon loading and contamination of water bodies resulting from future rainfall/runoff events.
2. If FilterSoxx™ exhibit significantly reduced hydraulic flow through rates or become clogged,



they should be cleaned out or replaced.

Method of Measurement

Bid items shall show measurement as Filtrexx®
Hydrocarbon Removal Agent + Filtrexx BMP per
linear ft or per linear m installed.

ADDITIONAL INFORMATION

For other references on this topic, including trade
magazine and press coverage, visit the Filtrexx®
Website at: <http://www.filtrexx.comhtm>.

For research reports not included in the Appendix,
visit: <http://www.filtrexx.com>

Filtrexx International, LLC
Technical Support
35481 Grafton Eastern
Grafton, OH 44044
440-926-2607
440-926-4021 (fax)
Website: www.filtrexx.com
Email: info@filtrexx.com

See website or call for complete list of international
installers.

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