Diverse Environmental Solutions

BCI BASIC CONCEPTS INC

Agent-X Oil Containment Geotextile Fabric

Two layers of a geotextile

Land cleared and Agent-X is rolled out.

Bentonite clay placed over the seams. Gravel is then placed over the material.

Description:

Agent-X is made of two layers of a geotextile fabric with our Oil Solidifying Polymer embedded between the layers. This hybrid creates a filtration fabric that encapsulates hydrocarbons and forces them to unsaturated areas of the fabric. Agent-X is hydrophobic, which allows water to pass through it, and is oleophilic to solidify hydrocarbons upon contact. Laboratory tests have shown great efficiency in removing small suspended oil droplets found in mechanical emulsions making it a stellar performer for oil sheen removal and for final polishing of effluent waters. Agent-X can be used for both land and water hydrocarbon filtration.

Applications:

- Use as a component of a total containment project
- Excellent for use under equipment, change out storage areas, and for under mobile transformers to catch drips and drops
- Use as the back outside wall of Barrier Booms

Specifications:

- Embedded with 350-450 grams of BCI Oil Solidifying Polymer or 12 ounces per square meter
- Flow rate greater than 10 gallons per minute per square foot
- Load capacity is 10 ounces per square foot of hydrocarbons
- Able to remove 90% or greater of a 30,000 PPM hydrocarbon sheen contamination per 10 gallons of water per square foot

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Simple, quick, and inexpensive protection.

Benefits:

- A quick and cost effective solution for protecting hard surfaces and ground
- Characteristics of being able to wick and load drips and drops gives it its long lasting capabilities
- Rated for 200 years
- Extremely resistant to ultraviolet degradation (70%) and to biological and chemical environments normally found in soils
- Lightweight and easy to handle
- Can be cut and trimmed in the field to specifications

Agent-X as a filtration media.

Availability:

- 54 inch x 50 foot rolls
- by the square yard