

# EarthBOUND®

## FLOC TABS and FLOC ROLLS

### Primary Applications

- Construction Sites
- Industrial Facilities
- Landfills
- Mines
- Coal Ash Facilities
- Dredging
- Dewatering

### Features and Benefits

- Turbidity and Total Suspended Solids (TSS) reduction in effluent stormwater.
- Sediment, nutrient, and heavy metal removal from stormwater.
- Acceleration of settling rate in detention/sediment ponds.
- Keep sites in compliance with stormwater regulations.
- Protects downstream waterbodies.
- Allows for quicker effluent water discharge.

### Packaging

#### Floc Rolls:

4-10 lb rolls per box.  
Each roll is 12" long.

#### Floc Tabs:

35 lb tabs per box with  
25" long netting tubes.

## Passive Treatment: Sediment and Turbidity Control BMP

EarthBOUND® Floc Rolls and Floc Tabs are manufactured with a blend of anionic polyacrylamides that are designed to remove organic (nutrients and bacteria) and non-organic (soils and heavy metals) colloids from stormwater that are too light to settle out by gravity themselves.

The EarthBOUND® science binds suspended colloids together to form flocs that are heavy enough to drop out of suspension helping reduce turbidity in stormwater effluent.



FLOC TABS – Polyacrylamide  
Sediment Removal Tablets



FLOC ROLL – Polyacrylamide  
Sediment Removal Roll



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## FLOC TABS

PASSIVE TREATMENT –  
TURBIDITY CONTROL

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## FLOC ROLLS

PASSIVE TREATMENT –  
TURBIDITY CONTROL

| Product Property                                 |              |
|--------------------------------------------------|--------------|
| Charge                                           | Anionic      |
| Free of nonylphenol and nonylphenol ethoxylates  | YES          |
| ANSI/NSF Standard 60 Residual Acrylamide Monomer | ≤ 0.05%      |
| Charge Density by Weight                         | 10-55%       |
| Molecular Weight                                 | 6-25 mg/mole |
| Aquatic Toxicity U.S. EPA-821-R-02-012           | Non-Toxic    |
| Chronic Toxicity U.S. EPA-821-R-02-013           | Non-Toxic    |

**Directions For Use:** Product effectiveness is based on the surface area of stormwater that comes in contact with the product, the amount of turbulence the water receives after it has been dosed, and the amount of sediment settling time the water receives after it has been dosed.

- 1. Pretreatment** – Reduce sediment load of turbid water prior to being dosed by Floc Rolls and Tabs. Soil stabilization with EarthGuard® and/or EarthGuard® Fiber Matrix, check dams, straw wattles, and other sediment/erosion control products are recommended.
- 2. Placement** – EarthBOUND® Floc Rolls and Tabs, both packaged in plastic sleeve netting, shall be placed at the upper end of a drainage channel or near areas that are under active construction. These products should be attached in a manner to prevent them from being carried off by stormwater.
- 3. Dosing** – These products should be placed upstream, in channels to allow maximum water-to-product contact to ensure stormwater is properly treated. Quantity of product needed can vary by water temperature, turbidity levels and volume.
- 4. Mixing** – Once the stormwater is properly dosed, measures that create turbulence should be introduced within the channel to ensure proper mixing.
- 5. Flocculation** – Once the stormwater is properly mixed, a settling area is recommended to collect flocculating sediment.

**Precautions/Limitations:** Floc Roll and Floc Tabs will become extremely slippery when wet. Clean up spills quickly, but DO NOT use water for cleanup unless necessary as extremely slippery conditions will result. Floc Roll and Floc Tabs will remain viable for up to 6 months.

**Handling:** Plastic or rubber gloves are recommended during installation. Use soap & water to wash hands after handling.

For technical services or to locate your nearest Floc Tabs or Floc Roll dealer:



Call: **1-800-800-7671** • Email: **Sales@LSCenv.com**

Visit LSC online at: **www.LSCenv.com**

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