

GeoHay

2353 Highway 292
Inman, SC 29349
800-554-2082
www.geohay.com

Distributed by: East Tennessee Geosynthetics, LLC
P.O. Box 12440
Knoxville, TN 37912
865-687-8395

Technical Specifications

Purpose

- a. Control erosion
- b. Prevent water pollution
- c. Control sediment
- d. Control water flow rate

Composition

- a. 100% recycled synthetic carpet fibers (approximately 50% post industrial and 50% post consumer)
- b. Reusable

Environmental Safety

- a. Contain no weeds or invasive plants
- b. Resist mildew or mold

Technical

Erosion abatement system must

- a. Meet the following specifications
 - i. Contain pre-made stake holes
 - ii. Meet the EPA's Toxicity Characteristics Leachate Procedure (TCLP) Standards
 - iii. Produced into filter medium with needle punch fibers
 - iv. Made reusable by rinsing out within an acceptable area and procedures
 - v. Was tested by TRI, Environmental per ASTM D standards 5141 and 7351
- b. Maintain its structural integrity during normal rainfall and wet conditions
- c. Maintain its structural integrity over the length of the project

Dimensional & Application

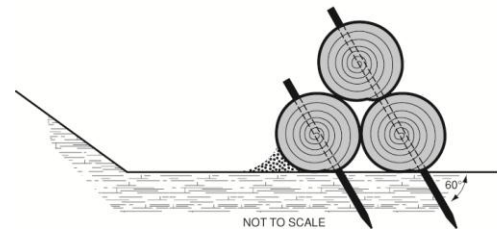
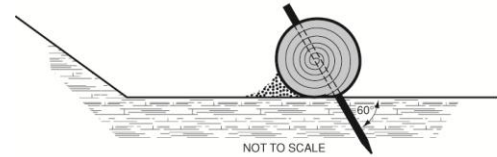
Erosion abatement system must

- a. Be of a uniform size and weight
 - i. 9" diameter x 6', 8', 10' & 12'
– approximately .75 lbs per linear foot
 - ii. 12" diameter x 45", 7.5', & 10'
– approximately 1.33 lbs per linear foot
 - iii. 15" diameter x 45", 7.5', & 10'
– approximately 2.13 lbs per linear foot
 - iv. 18" diameter x 45", 7.5', & 10'
– approximately 2.93 lbs per linear foot
 - v. Custom matting will vary in size & weight
- b. Be designed for end to end installation
- c. Contain pre-made holes for stakes for easy installation
- d. Be reusable

Warranties & Certification

GeoHay is manufactured on production lines with identified process controls to provide consistent, uniform products. Each unit is expected to perform per the technical specifications when properly installed. Consistent installation techniques are necessary to insure that GeoHay performs per the technical specifications.

Installation Detail



TDOT Approved for use as the following:

- a. **EC-STR-6 Rock Check Dam**
 - i. EC-STR-6 (5YR, 24HR) – Check Dam
Weir height of 24 inches
 - ii. EC-STR-6 (2YR, 24HR) – Check Dam
Weir height of 12 inches
- b. **EC-STR-6A Enhanced Rock Check Dam**
Weir height of 18 inches minimum
- c. **EC-STR-8 Filter Sock**
 - i. EC-STR-8 Slope Application
Weir height of 8 inches minimum
 - ii. EC-STR-8 Check Dam
Weir height of 19 inches minimum
- d. **EC-STR-19 Catch Basin Protection**
Weir height of 18 inches minimum
- e. **EC-STR-35 Filter Berm**
Weir height of 12 inches minimum
- f. **EC-STR-39 & 39A Curb Inlet Protection**

