



# VERDYOL

## Biotic Earth™ HGM

A subsidiary of ErosionControlBlanket

### Biotic Earth™ HGM

#### Hydraulic Growth Medium

#### Specification Sheet

The Verdyol **Biotic Earth™ HGM** shall be a biotic-active hydraulically applied mulch and growth medium that includes soil builders and affords highly effective erosion control. The **Biotic Earth™ HGM** shall be specifically designed to assist in soil building, vegetation establishment, and is for use on moderate slopes for immediate erosion control, soil amending, and where vegetation establishment is expected to occur within six months or less.

The **Biotic Earth™ HGM** shall be manufactured from thermally and mechanically processed straw and flexible flax fibers with sphagnum peat moss. The Verdyol **Biotic Earth™ HGM** comes packaged in white bags.

The Verdyol **Biotic Earth™ HGM** may be considered a Hydraulic Mulch (HM) as defined by the Erosion Control Technology Council. The Verdyol **Biotic Earth™ HGM** may be considered a Stabilized Mulch Matrix (SMM) as defined by the Erosion Control Technology Council when used in conjunction with **EarthBound® 2000** or **EarthBound® Scientific Soil Stabilizer & Tackifier**.

#### Material Composition

70% by volume of thermally and mechanically processed straw and flexible flax fibers (FFF)  
30% by volume of sphagnum peat moss

#### Laboratory Analysis

Total Organic Matter Content = >95%

Carbon:Nitrogen Ratio = 56:1

Moisture Content = 31% ± 5%

pH = 6 (Saturated Media Extract Method)

These values are representative of Quality Control Analysis at time of manufacturing.

This data is for information purposes only and cannot be used as a warranty.

#### Packaging & Weights

Bags = 50 lbs (23 kg) +/- 10%

Bag size = 2.2 ft<sup>3</sup> (0.062 m<sup>3</sup>)

45 bags per pallet

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