



Biotic Earth™ Black

A subsidiary of ErosionControlBlanket

Biotic Earth™ Black HGM

Hydraulic Growth Medium

Specification Sheet

The Verdyol **Biotic Earth™ Black HGM** shall be an extremely biotic-active hydraulically applied mulch and growth medium that includes a high concentration of soil builders and affords highly effective erosion control. The **Biotic Earth™ Black HGM** shall be specifically designed to assist in building an effective plant growth medium over poor topsoil or even subsoil. The **Biotic Earth™ Black HGM** shall be used for vegetation establishment, on medium to extreme slopes for immediate erosion control, as a soil amendment with other erosion control measures, and where vegetation establishment is expected to occur within 12 months or less.

The **Biotic Earth™ Black HGM** shall be manufactured from thermally and mechanically processed straw and flexible flax fibers with sphagnum peat moss and other proprietary plant growth materials and erosion control additives. The Verdyol **Biotic Earth™ Black HGM** comes packaged in white bags.

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

Material Composition

40% by volume of thermally and mechanically processed straw and flexible flax fibers (FFF)

57% by volume of professional grade sphagnum peat moss

1.26% by volume other valuable trace minerals, sugars, starches, proteins, fiber and 16 amino acids including folic acid, vitamin A, triaconnatol and triacontanol growth stimulants/regulators.

<1% by volume fungal mycorrhizae and plant beneficial bacteria

Laboratory Analysis

Total Organic Matter Content = >95%

Carbon:Nitrogen Ratio = 31:1

Moisture Content = 44.5% ± 5%

pH = 5.5 (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 ft³ (0.062 m³)

36 bags per pallet

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