



Biotic Earth™ with Tack Biotic Soil Amendment

Specification Sheet

The Verdyol **Biotic Earth™ Black BSA** shall be an extremely biotic-active hydraulically applied mulch and growth medium that includes a high concentration of soil builders and affords sustained vegetation establishment. The **Biotic Earth™ Black BSA** shall be specifically designed to assist in building an effective plant growth medium over poor topsoil or even subsoil. The **Biotic Earth™ Black BSA** can be used for vegetation establishment, on medium to extreme slopes in combination with 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 BSA** 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 BSA** comes packaged in white bags.

The Verdyol **Biotic Earth™ Black BSA** may be considered a Hydraulic Mulch (HM) as defined by the Erosion Control Technology Council. The Verdyol **Biotic Earth™ Black BSA** may be considered a Stabilized Mulch Matrix (SMM) when used in conjunction with site appropriate soil stabilizer & tackifier.

Material Composition

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

55% by volume of professional grade sphagnum peat moss

3.26% by volume other valuable trace minerals, plant based biodegradable co polymer, sugars, starches, proteins, fiber and 16 amino acids including folic acid, vitamin A, triacontanol and triacontanol growth stimulants/regulators.

<1% by volume mycorrhizae

Laboratory Analysis

Total Organic Matter Content = >95%

Carbon:Nitrogen Ratio = 31:1 Moisture

Content = 30.5% ± 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) 42 bags per pallet